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Anti-neutrophil cytoplasm antibody

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Assay principle

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Autoantigen

Autoimmune disease; Autoantibody; T cell (Druet, P. (150) 177)

Anti-Ro/SS-A; Anti-La/SS-B; Recombinant antigen; ELISA; Autoantibody (Veldhoven, C.H.A. (151) 177)

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Benzyl penicilloyl hapten-poly-L-lysine conjugate

IgE antibody; Radioallergosorbent test; Benzyl penicilloyl hapten-human serum albumin conjugate (Blanca, M. (153) 99)

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Binding site

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C**C5a des Arg**

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Cathepsin-kininogen complex

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CD43

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CD8 T lymphocyte

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Cell-mediated cytotoxicity

Colorimetric assay; Kinetics; Peptide antigen; Major histocompatibility complex antigen; Maternally transmitted antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

Cell separation

Cell adherence; ICAM-1; LFA-1; Fusion protein; Immunomagnetic bead (Hedman, H. (146) 203)

Colorectal tumor cell; Tumor infiltrating leukocyte; Monoclonal antibody HEA125; Epithelium specific; Immunomagnetic bead (Kemmner, W. (147) 197)

Immunomagnetic; Dynabeads; Differentiation; Cell growth; SSEA-1; Flow cytometry (Swann, I.D. (152) 245)

Magnetic separation, high gradient; Ferrofluid (Thomas, T.E. (154) 245)

Cell sorting

Colorectal tumor; Tumor infiltrating lymphocyte (Durrant, L.G. (147) 57)

Cell surface

ELISA; CELISA; cell-ELISA; spot-ELISA; ELISPOT; Proliferation; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

Cell surface antigen

Binding constant; Binding site; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Cell surface determinants

CELISA; ELISA; Cell binding reagents; Cell fixation (Walker, K.W. (154) 121)

Cell tracking dye

PKH-2; Multiparameter flow cytometry (Festin, R. (154) 47)

Cellular cytotoxicity assay

Colorimetric; Melanoma; Natural killer cell; Tetrazolium; XTT (Jost, L.M. (147) 153)

Cell wall mannan

ELISA; Specific IgG; *Candida albicans*; Primary antibody deficiency (Faux, J.A. (153) 167)

Central nervous system infections

Interleukin-2; ELISA; Cerebrospinal fluid; Intrathecal synthesis (Sharief, M.K. (147) 51)

Centrifugal elutriation

Dendritic cell; Antigen presenting cell; Mixed lymphocyte reaction; (Spleen); (Mouse) (Ossevoort, M.A. (155) 101)

Cerebrospinal fluid

Interleukin-2; ELISA; Central nervous system infections; Intrathecal synthesis (Sharief, M.K. (147) 51)

Chaotropic ion

Escherichia coli antigen; Western blot; Antibody elution; Cross-reaction (Hammerl, P. (151) 299)

Chelating agent

Magnetizable carrier; Immunoassay; (Löster, K. (148) 41)

Chemiluminescence

Immunoassay; Dot-blot assay; Chromogranin A; Brain protein (Heinicke, E. (152) 227)

NADPH oxidase; Chronic granulomatous disease (Porter, C.D. (155) 151)

Chemotaxis

Granulocyte; Image analysis (Azzarà, A. (148) 29)

Polymorphonuclear leukocyte; Boyden chamber; Separation method; Adhesion; Whole blood (Rice, J.E. (149) 121)

Chimeric antibody

Expression vector; Polymerase chain reaction; Immunoglobulin expression (Coloma, M.J. (152) 89)

Chimeric protein A/protein G

Chimeric protein G/alkaline phosphatase; pGEX; Reporter molecule (Sun, S. (152) 43)

Chimeric protein G/alkaline phosphatase

Chimeric protein A/protein G; pGEX; Reporter molecule (Sun, S. (152) 43)

Chloroquine

Phagocytosis (quantitative study of); Yeast; α -Mannan; Cytochalasin B (Giannis, J. (154) 185)

Chromatography, affinity

Protein A leakage; Monoclonal antibody, murine; Antibody, chicken; ELISA (Godfrey, M.A.J. (149) 21)

Chromatography, high performance electrophoresis

Major histocompatibility complex class II chain; Preparative electroelution; Peptide binding (Passmore, D. (155) 193)

Chromatography, high performance liquid

Monoclonal antibody preparation; Loss of antibody activity; Autoantigen blockage; Restoring antibody activity (Ma, J. (155) 121)

⁵¹Chromium

Long term cytotoxic assay; Prelabeling; Methionine, [³⁵S]- (Katz, A. (149) 255)

Chromogranin A

Immunoassay; Chemiluminescence; Dot-blot assay; Brain protein (Heinicke, E. (152) 227)

Chronic granulomatous disease

NADPH oxidase; Chemiluminescence (Porter, C.D. (155) 151)

Chronic infection

Hepatitis B virus; Hepatitis B surface antigen; Hepatitis B e antigen (Maruyama, T. (155) 65)

Circle assay

Hybridoma screening; ELISA, cellular; Immunocytochemistry (Balogh, P. (153) 141)

Circular antigen-antibody complex

Biosynthetic human growth hormone; Titration; Competitive; Cooperativity; Monoclonal antibody (Fernando, S.A. (151) 27)

Circulating anodic antigen

Magnetic bead; Microsphere; Antigen detection; ELISA; *Schistosoma*; Tropical medicine; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Class and subclass switch

ELISA spot assay; Monoclonal antibody (Spira, G. (148) 121)

Class I major histocompatibility complex antigen

Ovalbumin; Cationic liposome; Polylysine; Phorbol ester (Nair, S. (152) 237)

Cleavable label

Biotin; Electroblood (Hobart, M.J. (153) 93)

Cocktail conjugate

ELISA, one-step; IIbIIIa; Epitope mapping (Rowland, A.M. (151) 87)

Cofactor-labeled

Enzyme immunoassay; Enzyme-multiplied immunoassay technique; Substrate-labeled fluorescence immunoassay; Apoen-

zyme reactivation immunoassay; Inhibitor-labeled (Jenkins, S.H. (150) 91)

Colloidal gold agglutination

Monoclonal antibody; Hemoglobin; Fecal blood (Nagata, M. (153) 185)

Colorectal tumor

Tumor infiltrating lymphocyte; Cell sorting (Durrant, L.G. (147) 57)

Colorectal tumor cell

Cell separation; Tumor infiltrating leukocyte; Monoclonal antibody HEA125; Epithelium specific; Immunomagnetic bead (Kemmer, W. (147) 197)

Colorimetric

Cellular cytotoxicity assay; Melanoma; Natural killer cell; Tetrazolium; XTT (Jost, L.M. (147) 153)

Colorimetric assay

Cell-mediated cytotoxicity; Kinetics; Peptide antigen; Major histocompatibility complex antigen; Maternally transmitted antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

Colorimetric microtiter assay

Cytotoxin; Monocyte, human; Cell adherence; Methylene blue (Keisari, Y. (146) 155)

Competitive

Biosynthetic human growth hormone; Titration; Cooperativity; Monoclonal antibody; Circular antigen-antibody complex (Fernando, S.A. (151) 27)

Competitive inhibition

Spacer; Hapten; ELISA; Conjugate (Kachab, E.H. (147) 33)

Complement

Europium; Cytotoxicity; Antibody; Cytolysis; Melanoma (Cui, J. (147) 13)

Complement receptor; Monoclonal antibody (Henwick, S. (153) 173)

Natural antibody; Cytotoxicity assay; Glycosphingolipid; (Rabbit) (Yong Park, S. (154) 109)

Enzyme immunoassay; IgM antibody, rabbit; Sensitivity (Kuhn, H.-M. (155) 201)

Complement activation

Bronchoalveolar lavage fluid; Bronchial asthma; Sarcoidosis; *Pneumocystis carinii* pneumonitis; Complement C3, C3a (Van de Graaf, E.A. (147) 241)

C5a des Arg; ELISA; Monoclonal antibody (Bergh, K. (152) 79)

Complement C3, C3a

Complement activation; Bronchoalveolar lavage fluid; Bronchial asthma; Sarcoidosis; *Pneumocystis carinii* pneumonia (Van de Graaf, E.A. (147) 241)

Complement receptor

Complement; Monoclonal antibody (Henwick, S. (153) 173)

Complete Freund's adjuvant

Immunoadjuvant; TiterMax; Antibody titer (Bennett, B. (153) 31)

Computer-assisted image analysis system

Anti-sperm cell-mediated immunity; Infertility; Leukocyte migration inhibition factor assay (Dimitrov, D.G. (154) 147)

Computer program

Microplate; Immunomodulation test; Planning and evaluation (Siman, P. (146) 1)

Conformation

proIL-1 β ; Immunodetection; Epitope; ELISA (Herzyk, D.J. (148) 243)

Conglutinin

Immune complex; Anti-collagen antibody; Systemic lupus erythematosus (Holmskov, U. (148) 225)

Conjugate

Spacer; Hapten; Competitive inhibition; ELISA (Kachab, E.H. (147) 33)

Dual laser flow cytometry; K562; Binding; CD8^{dim}; CD8^{bright} (Vitale, M. (149) 189)

Conjugate frequency

Effector-target interaction; Saturability; Affinity; Natural killer cell (Garcia-Peñarrubia, P. (155) 133)

Conjugates-substrate reaction

Assay principle; Bound-free separation; Marker enzyme; Assay parameter (Porstmann, T. (150) 5)

Conjugation method

Synthetic peptide; Simultaneous synthesis; Antipeptide antibody (Maeji, N.J. (146) 83)

Convection

Heterogeneous immunoassay; Microplate; Washing; Diffusion (Beumer, T. (154) 77)

Cooperativity

Biosynthetic human growth hormone; Titration; Competitive; Monoclonal antibody; Circular antigen-antibody complex (Fernando, S.A. (151) 27)

Coupling

Targeting; Monoclonal antibody; Alkaline phosphatase; Macrophage; Horseradish peroxidase; Enzyme conjugate; (Mice) (Van Rooijen, N. (151) 149)

Helper T cell epitope; Fragment condensation; Multiple antigenic peptide; Vaccine (McLean, G.W. (155) 113)

Creatinine kinase

Freund's adjuvant; Ribl adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Immune response; Antibody affinity; Adjuvant side effects; Granuloma; (Rabbit) (Deeb, B.J. (152) 105)

Cross-reaction

Escherichia coli antigen; Western blot; Antibody elution; Chaotropic ion (Hammerl, P. (151) 299)

Cross-reactivity

Sandwich immunoassay; Testosterone dimer; Heterology; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethylmercapto) testosterone; Testosterone-17-hemisuccinate; 5 α -Dihydrotestosterone (Sengupta, J. (147) 181)

Enzyme immunoassay; Artifact; Limitation; Interference; Homogeneous; Surface effect (Pesce, A.J. (150) 111)

B cell; ELISPOT; Polyspecific; (Chamber); (Antigen) (Klinman, D.M. (152) 217)

Cryopreservation

Lymphocyte subsets; Flow cytometry; Ficoll-Paque (Romeu, M.A. (154) 7)

Cytotoxic T lymphocyte; Human autologous tumor; Lymphocyte (Wada, Y. (154) 235)

Cryptococcus neoformans

Monoclonal antibody, mouse; Immunoglobulin, mouse; ELISA; Polysaccharide, cryptococcal (Casadevall, A. (154) 27)

Culture supernatant

Ultrafiltration; Monoclonal antibody (Saha, K. (151) 307)

Cyclic adenosine 3',5'-monophosphate

ELISA; Plated anti-immunoglobulin; ELISA, competitive (Linden, J. (151) 209)

Cymantrene

Non-radioisotopic immunoassay; Metal carbonyl tracer; Fourier transform infrared spectroscopy; Phenobarbital (Salmain, M. (148) 65)

Cystatin superfamily

Kininogen; Proteinase inhibitor; Anti-peptide antibody (Lalmanach, G. (149) 197)

Cysteine proteinase inhibitor

Cathepsin-kininogen complex; Cathepsin; Kininogen; ELISA; Acute phase condition (Takeda, A. (147) 217)

Cytochalasin B

Phagocytosis (quantitative study of); Yeast; α -Mannan; Chloroquine (Giaimis, J. (154) 185)

Cytochrome c

ELISA; Antibody specificity; Protein adsorption to plastic; Protein denaturation (Schwab, C. (147) 125)

Cytokine

Dissociation-enhanced lanthanide fluoroimmunoassay; Time-resolved fluoroimmunoassay; Tumor necrosis factor α ; Interleukin-6 (Ogata, A. (148) 15)

Polymerase chain reaction; Interleukin-3 receptor, murine (Fung, M.-C. (149) 97)

ELISA; CELISA; cell-ELISA; Cell surface; spot-ELISA; ELISPOT; Proliferation; Enzyme immunoassay; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

Polymerase chain reaction; Gene; Quantitation (Carding, S.R. (151) 277)

Two color immunofluorescence flow cytometry; Monocyte (De Caestecker, M.P. (154) 11)

Late phase allergic reaction; Nasal mucosa; Filter strip (Alam, R. (155) 25)

Cytolysis

Europium; Complement; Cytotoxicity; Antibody; Melanoma (Cui, J. (147) 13)

Cytolytic T lymphocyte

Electroporation; Protein kinase C; Calcium (Langlet, C. (151) 107)

Cytoplasmic

Immunocytochemistry; Islet cell; (Antibody) (Marshall, M.O. (149) 63)

Cytoplasmic antigen

Monoclonal antibody; Cell fixation; Immunoreactive fraction (Haisma, H.J. (154) 55)

Cytotoxic assay

Fluorimetric analysis; Carboxyfluorescein diacetate (Provinciali, M. (155) 19)

Cytotoxicity

Europium; Complement; Antibody; Cytolysis; Melanoma (Cui, J. (147) 13)

Cytotoxicity assay

Natural killer cell assay; Calculation of lytic units (Bryant, J. (146) 91)

Natural antibody; Complement; Glycosphingolipid; (Rabbit) (Yong Park, S. (154) 109)

Cytotoxic T lymphocyte

Enzyme release assay; DNA transfection; β -Galactosidase (Ohmori, H. (147) 119)

Influenza A virus; Synthetic peptide; Immunization (Zhou, X. (153) 193)

Transfection; Vaccinia virus; Antigen presentation; T7 RNA polymerase (Eisenlohr, L.C. (154) 131)

Human autologous tumor; Cryopreservation; Lymphocyte (Wada, Y. (154) 235)

Immune response; Helper epitope; Synthetic peptide; Malaria (Widmann, C. (155) 95)

Cytotoxin

Colorimetric microtiter assay; Monocyte, human; Cell adherence; Methylene blue (Keisari, Y. (146) 155)

D

Data analysis

Statistical method; Lymphoproliferation assay; Responder (Bennett, S. (146) 229)

Defined medium

Monocyte; Monokine; Differentiation; Surface antigen (Bennett, S. (153) 201)

DELFI

Europium; Streptavidin; Time-resolved fluorometry; Fluoroimmunoassay; Follicle stimulating hormone; Thyroid stimulating hormone (Suonpää, M. (149) 247)

Denaturation

Solid phase; ELISA; Capture antibody; Adsorption; Poly (Butler, J.E. (150) 77)

Dendritic cell

Isolation procedure; Nylon wool column; Magnetic bead; Sephadex G-10; Antigen presentation; T cell (Havenith, C.E.G. (153) 73)

Bone marrow differentiation; Granulocyte-macrophage colony-stimulating factor; Immunomagnetic bead selection (Scheicher, C. (154) 253)

Centrifugal elutriation; Antigen presenting cell; Mixed lymphocyte reaction; (Spleen); (Mouse) (Ossevoort, M.A. (155) 101)

Densitometer

Microchemotaxis chamber; Polymorphonuclear leukocyte; Quantification (Misso, N.L.A. (149) 183)

Detachment

CD19⁺ B cell, human; Biomagnetic separation (Rasmussen, A.-M. (146) 195)

Detection

Mycoplasma; Cell line; Leukemia (Uphoff, C.C. (149) 43)

Detergent extracts

ELISA; Human blood group A; Octyl- β -D-glucopyranoside; Freeze-thaw effects (Chapman, V. (149) 147)

Dextran carrier

ELISA; Monoclonal antibody; *s*-Triazine quantification (Böcher, M. (151) 1)

Diagnostics

Tropical disease; Immunodiagnostic kits (Talwar, G.P. (150) 121)

4,6-Diamidine-2-phenylindol-dihydrochloride

Proliferation assay; LAK cell; DNA staining; Fluorochrome; Propidium iodide; Acridine orange; Hoechst H33342 (Vollenweider, I. (149) 133)

2,7-Diaminofluorene

Macrophage; Erythrocyte; Phagocytosis; Antibody-dependent cell-mediated cytotoxicity (Gebran, S.J. (151) 255)

Dichelobacter nodosus

ELISA quality control; Precision; Antibody capture ELISA (Whittington, R.J. (148) 57)

Differentiation

Immunomagnetic; Cell separation; Dynabeads; Cell growth; SSEA-1; Flow cytometry (Swann, I.D. (152) 245)

Defined medium; Monocyte; Monokine; Surface antigen (Bennett, S. (153) 201)

Diffusion

Heterogeneous immunoassay; Microplate; Washing; Convection (Beumer, T. (154) 77)

Antibody affinity; Binding constant; Screening; Photobleaching; Antigen expression (Kaufman, E.N. (155) 1)

Acoustic microstreaming; Insonation; ELISA; Probe-based assay; Incubation; Automation (Boraker, D.K. (155) 91)

5 α -Dihydrotestosterone

Sandwich immunoassay; Testosterone dimer; Heterology; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethyl-mercapto) testosterone; Testosterone-17-hemisuccinate; Cross-reactivity (Sengupta, J. (147) 181)

2,4-Dinitrophenol

ELISA, competitive; Anti-2,4-dinitrophenol; Alkaline phosphatase; 3,6-Fluorescein diphosphate; *p*-Nitrophenyl phosphate (Huang, Z. (149) 261)

Dinitrophenyl

Immunoperoxidase; Dinitrophenyl-hapten procedure; Dinitrophenyl localization system; Immunolocalization; Immunoassay (Jasani, B. (150) 193)

Dinitrophenyl-hapten procedure

Dinitrophenyl; Immunoperoxidase; Dinitrophenyl localization system; Immunolocalization; Immunoassay (Jasani, B. (150) 193)

Dinitrophenyl localization system

Dinitrophenyl; Immunoperoxidase; Dinitrophenyl-hapten procedure; Immunolocalization; Immunoassay (Jasani, B. (150) 193)

Diphtheria toxoid

Hemolytic plaque-forming cell assay; Polysaccharide; Tetanus toxoid; IgG; Affinity; Avidity (Barington, T. (146) 129)

Direct enzyme immunoassay

Testosterone (Dhar, T.K. (147) 167)

Dissociation-enhanced lanthanide fluoroimmunoassay

Time-resolved fluoroimmunoassay; Tumor necrosis factor α ; Interleukin-6; Cytokine (Ogata, A. (148) 15)

cDNA

Immunoglobulin; Gene; Polymerase chain reaction; Specificity repertoires; Allergy (Walker, M.R. (149) 77)

DNA determination

Fluorescence; Cell culture (Goppelt-Struebe, M. (151) 245)

DNA enzyme immunoassay

Polymerase chain reaction; T cell receptor (Bettinardi, A. (146) 71)

DNA fragmentation

Flow cytometry; Thymocyte apoptosis; Lymphocyte irradiation (Ojeda, F. (152) 171)

DNase I

Inhibitor; Enzyme assay; Immunoassay; Serum assay; Endogenous DNase (Gibson, U.E.M. (155) 249)

DNA staining

Proliferation assay; LAK cell; Fluorochrome; Propidium iodide; 4,6-Diamidine-2-phenylindol-dihydrochloride; Acridine orange; Hoechst H33342 (Vollenweider, I. (149) 133)

DNA transfection

Cytotoxic T lymphocyte; Enzyme release assay; β -Galactosidase (Ohmori, H. (147) 119)

Dose-response curve

IgG; IgG subclass; Monoclonal antibody; Immunoassay (Hvatum, M. (148) 77)

Dot-blot assay

Immunoassay; Chemiluminescence; Chromogranin A; Brain protein (Heinicke, E. (152) 227)

Dried blood spot

HIV-1; Western blot; Seroprevalence (Granade, T.C. (154) 225)

Drug monitoring

CEDIA assay; Enzyme immunoassay, homogeneous (Engel, W.D. (150) 99)

Dual fluorescence flow cytometry

B cell malignancy; Lymphocyte subsets; Surface immunoglobulin (Reynolds, W.M. (151) 123)

Dual laser flow cytometry

K562; Conjugate; Binding; CD8^{dim}; CD8^{bright} (Vitale, M. (149) 189)

Dynabeads

Immunomagnetic; Microbeads; CD45RO; UCHL1; Magnetic cell sorter (Manyonda, I.T. (149) 1)

Immunomagnetic; Cell separation; Differentiation; Cell growth; SSEA-1; Flow cytometry (Swann, I.D. (152) 245)

E

Effector-target interaction

Conjugate frequency; Saturability; Affinity; Natural killer cell (Garcia-Peñarrubia, P. (155) 133)

Egg-yolk antibody

IgY; Immunized hen; Antibody purification; Affinity chromatography; Transferrin; Nephelometry (Ntakarutimana, V. (153) 133)

Eimeria tenella

Immunocytochemical staining; Antibody-containing cell; In situ detection; (Chicken) (Vervelde, L. (151) 191)

IgA; Monoclonal antibody; Parasite (Hoare, J.A. (153) 161)

Electroblot

Biotin; Cleavable label (Hobart, M.J. (153) 93)

Electroporation

Cytolytic T lymphocyte; Protein kinase C; Calcium (Langlet, C. (151) 107)

Lucifer Yellow; Lymphocyte; Organic anion transport; Probenecid (Dinchuk, J.E. (155) 257)

Elimination

Mycoplasma; Cell line; Leukemia (Uphoff, C.C. (149) 55)

ELISA

STa antibody immunoassay; STa enterotoxin; Avidin-biotin interaction (Germani, Y. (146) 25)

Isotype variant; Neuroblastoma, anti-human (D'Uscio, C. (146) 63)

Spacer; Hapten; Competitive inhibition; Conjugate (Kachab, E.H. (147) 33)

Interleukin-2; Cerebrospinal fluid; Central nervous system infections; Intrathecal synthesis (Sharief, M.K. (147) 51)

Branched peptide; Serodiagnosis; AIDS (Marsden, H.S. (147) 65)

Anti-collagen antibody; Proteoglycan; Pepsin; Rheumatoid arthritis (Williams, R.O. (147) 93)

Antibody specificity; Protein adsorption to plastic; Protein denaturation; Cytochrome *c* (Schwab, C. (147) 125)

Cathepsin-kininogen complex; Cathepsin; Kininogen; Cysteine proteinase inhibitor; Acute phase condition (Takeda, A. (147) 217)

Magnetic bead; Microsphere; Antigen detection; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Thymosin β_4 ; Thymosin β_4 [1-11]; Thymosin β_4 [1-14]; Antibodies against thymosin β_4 , thymosin β_4 [1-11], or thymosin β_4 [1-14]; Thymosin β_9 (Livaniou, E. (148) 9)

Parathymosin; Thymic polypeptide (Economou, M. (148) 87)

Haemophilus influenzae type b; Polyribosylribitol phosphate; Poly-L-lysine; Monoclonal antibody (Herrmann, D.J. (148) 101)

- Hepatitis C virus; Non-A, non-B hepatitis; Post-transfusion hepatitis; Viral core protein (Yoshikawa, A. (148) 143)
- Type IV collagenase; Gelatinase; Plasma; Pregnancy (Zucker, S. (148) 189)
- proIL-1 β ; Immunodetection; Epitope; Conformation (Herzyk, D.J. (148) 243)
- Radioimmunoassay; Monoclonal antibody; Interleukin-1 β ; Interleukin-1 receptor antagonist (Dinareello, C.A. (148) 255)
- Protein A leakage; Chromatography, affinity; Monoclonal antibody, murine; Antibody, chicken (Godfrey, M.A.J. (149) 21)
- Brain-reactive autoantibody; Systemic lupus erythematosus (Crimando, J. (149) 87)
- Linear sweep voltammetry; Alkaline phosphatase; *p*-Nitrophenol (Tie, F. (149) 115)
- Anti-peptide antibody; Peptide; Peptide-mannan conjugate; Specific antibody (Okawa, Y. (149) 127)
- Human blood group A; Octyl- β -D-glucopyranoside; Detergent extracts; Freeze-thaw effects (Chapman, V. (149) 147)
- Interleukin-8; Radioimmunoassay; Monoclonal antibody (Ko, Y.-c. (149) 227)
- Radioimmunoassay; Atrial natriuretic factor; Analogue (Ingwersen, S.H. (149) 237)
- Solid phase; Capture antibody; Adsorption; Denaturation; Poly (Butler, J.E. (150) 77)
- Western blot; Amplification (Bobrow, M.N. (150) 145)
- CELISA; cell-ELISA; Cell surface; spot-ELISA; ELISPOT; Proliferation; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)
- Dextran carrier; Monoclonal antibody; *s*-Triazine quantification (Böcher, M. (151) 1)
- HIV; Simian immunodeficiency virus glycoprotein; *Galanthus nivalis* lectin (Mahmood, N. (151) 9)
- HLA class II molecule; Peptide antibody; In vitro immunization; Immunoblotting; FACS analysis (Petersen, J.S. (151) 15)
- Affinity; Polyclonal antibody population (Bruderer, U. (151) 157)
- Anti-Ro/SS-A; Anti-La/SS-B; Recombinant antigen; Autoantigen; Autoantibody (Veldhoven, C.H.A. (151) 177)
- Cyclic adenosine 3',5'-monophosphate; Plated anti-immunoglobulin; ELISA, competitive (Linden, J. (151) 209)
- Horseradish peroxidase; Monoclonal antibody; Human follicle stimulating hormone; Human chorionic gonadotropin (Madersbacher, S. (152) 9)
- Monoclonal antibody; Biotinylation; Immunoabsorption; Western blot (Schuh, R. (152) 59)
- C5a des Arg; Complement activation; Monoclonal antibody (Bergh, K. (152) 79)
- Monoclonal antibody; *Salmonella enteritidis*; Environmental samples (Brigmon, R.L. (152) 135)
- Lipopolysaccharide; Poly-L-lysine; Polymyxin B (Takahashi, K. (153) 67)
- Specific IgG; Cell wall mannan; *Candida albicans*; Primary antibody deficiency (Faux, J.A. (153) 167)
- Interleukin-4; Avidin-biotin system; Enzyme amplification system (Ishizuka, T. (153) 213)
- Cryptococcus neoformans*; Monoclonal antibody, mouse; Immunoglobulin, mouse; Polysaccharide, cryptococcal (Casadevall, A. (154) 27)
- CELISA; Cell binding reagents; Cell fixation; Cell surface determinants (Walker, K.W. (154) 121)
- Group B streptococcus; Macrophage; Adherence (Sloan, A.R. (154) 217)
- Acoustic microstreaming; Diffusion; Insonation; Probe-based assay; Incubation; Automation (Boraker, D.K. (155) 91)
- Monoclonal antibody; Protein purification; Quantitation (Brooks, D.A. (155) 129)
- Peroxidase-linked enzyme immunoassay; Tumor necrosis factor α (Lamb, W.R. (155) 215)
- Soluble CD14; Biological fluid (Grunwald, U. (155) 225)
- cell-ELISA**
ELISA; CELISA; Cell surface; spot-ELISA; ELISPOT; Proliferation; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)
- spot-ELISA**
ELISA; CELISA; cell-ELISA; Cell surface; ELISPOT; Proliferation; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)
- ELISA, blocking**
Bovine ephemeral fever virus; Monoclonal antibody (Zakrzewski, H. (151) 289)

ELISA capture

Plasmodium falciparum; Glutamate-rich protein; IgM; IgG; Recombinant fusion protein (Dziegiel, M. (155) 207)

ELISA, cellular

Hybridoma screening; Circle assay; Immunocytochemistry (Balogh, P. (153) 141)

ELISA, competitive

IgY chicken; α -Amidating enzyme (Sturmer, A.M. (146) 105)

2,4-Dinitrophenol; Anti-2,4-dinitrophenol; Alkaline phosphatase; 3,6-Fluorescein diphosphate; *p*-Nitrophenyl phosphate (Huang, Z. (149) 261)

Cyclic adenosine 3',5'-monophosphate; ELISA; Plated anti-immunoglobulin (Linden, J. (151) 209)

ELISA, double-antibody sandwich

Neuron-specific enolase, human; Monoclonal antibody; Synthetic peptide; Small-cell carcinoma of the lung (Duncan, M.E. (151) 227)

ELISA, micro-

Fluorescein-di- β -D-galactopyranoside; Astroscan 2100 automated plate reader; Monoclonal antibody, mouse anti-HLA; Cell line (Sadler, A.M. (149) 11)

ELISA, one-step

Cocktail conjugate; IIBIIIa; Epitope mapping (Rowland, A.M. (151) 87)

ELISA quality control

Precision; Antibody capture ELISA; *Dichelobacter nodosus* (Whittington, R.J. (148) 57)

ELISA spot assay

Class and subclass switch; Monoclonal antibody (Spira, G. (148) 121)

ELISA, tumor necrosis factor

Tumor necrosis factor; Tumor necrosis factor receptor; Tumor infiltrating lymphocyte; Gene therapy; Lymphokine secretion (Hwu, P. (151) 139)

ELISPOT

ELISA; CELISA; cell-ELISA; Cell surface; spot-ELISA; Proliferation; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

Interleukin-1; Amplified immunoassay; Avidin-biotin; Antiperoxidase (Nordström, I. (150) 199)

B cell; Cross-reactivity; Polyspecific; (Chamber); (Antigen) (Klinman, D.M. (152) 217)

ELISPOT, amplified

HIV; Antibody-secreting cell; (Monkey) (Eriksson, K. (153) 107)

Elongation factor Tu

Mycoplasma; Monoclonal antibody; Species differentiation of mycoplasmas (Kamla, V. (147) 73)

Endogenous DNase

DNase I; Inhibitor; Enzyme assay; Immunoassay; Serum assay (Gibson, U.E.M. (155) 249)

Endotoxin

Lipopolysaccharide; Radiolabel; Lipid A (Munford, R.S. (148) 115)

Lipopolysaccharide; Interleukin-1 α ; Interleukin-1 β ; Interleukin-6; Tumor necrosis factor α (Riches, P. (153) 125)

Enhanced chemiluminescence detection system

Immunoblot; IgM, low molecular weight; Healthy adult serum; Neonatal cord blood (Xu, H.J. (146) 241)

Enterocyte

Intraepithelial lymphocyte; Isolation procedure; (Human) (Lundqvist, C. (152) 253)

Environmental samples

Monoclonal antibody; *Salmonella enteritidis*; ELISA (Brigmon, R.L. (152) 135)

Enzyme

Hybridization; Polymerase chain reaction; Oligonucleotide; Non-isotopic (Chikhaoui, Y. (150) 51)

B cell; Immunocytochemistry; Spleen; In situ; (Antibody) (Claassen, E. (150) 207)

IgG; IgG-polyethylene glycol conjugate; Proteolytic degradation (Cunningham-Rundles, C. (152) 177)

Enzyme amplification system

Interleukin-4; ELISA; Avidin-biotin system (Ishizuka, T. (153) 213)

Enzyme assay

DNase I; Inhibitor; Immunoassay; Serum assay; Endogenous DNase (Gibson, U.E.M. (155) 249)

Enzyme cascade

Antigen-antibody; Biotin-avidin; Fluorogenic luminescent substrate; Non-specific signal (Avrameas, S. (150) 23)

Enzyme conjugate

Targeting; Monoclonal antibody; Alkaline phosphatase; Macrophage; Horseradish peroxidase; Coupling; (Mice) (Van Rooijen, N. (151) 149)

Enzyme immunoassay

Lysozyme; Biological fluid (Taylor, D.C. (146) 55)

Novel field assay; Snake venom identification (Cox, J.C. (146) 213)

Enzyme-multiplied immunoassay technique; Substrate-labeled fluorescence immunoassay; Apoenzyme reactivation immunoassay; Cofactor-labeled; Inhibitor-labeled (Jenkins, S.H. (150) 91)

Artifact; Limitation; Interference; Cross-reactivity; Homogeneous; Surface effect (Pesce, A.J. (150) 111)

ELISA; CELISA; cell-ELISA; Cell surface; spot-ELISA; ELISPOT; Proliferation; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

Granule membrane protein-140; Monoclonal antibody; Plasma; CD62; P-Selectin (Katayama, M. (153) 41)

Adenosine 3',5' cyclic monophosphate; Guanosine 3',5' cyclic monophosphate (Horton, J.K. (155) 31)

IgM antibody, rabbit; Complement; Sensitivity (Kuhn, H.-M. (155) 201)

False-positive reaction; Interferon- γ ; Tuberculosis; Plasma; (Bovine) (Jones, S.L. (155) 233)

Enzyme immunoassay, homogeneous

CEDIA assay; Drug monitoring (Engel, W.D. (150) 99)

Enzyme immunosorbent assay

Penicillinase; Prolactin, mouse (Tomita, Y. (151) 269)

Enzyme-multiplied immunoassay technique

Enzyme immunoassay; Substrate-labeled fluorescence immunoassay; Apoenzyme reactivation immunoassay; Cofactor-labeled; Inhibitor-labeled (Jenkins, S.H. (150) 91)

Enzyme release assay

Cytotoxic T lymphocyte; DNA transfection; β -Galactosidase (Ohmori, H. (147) 119)

Epidemiology

Magnetic bead; Microsphere; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Epithelium specific

Cell separation; Colorectal tumor cell; Tumor infiltrating leukocyte; Monoclonal antibody HEA125; Immunomagnetic bead (Kemmer, W. (147) 197)

Epitope

proIL-1 β ; Immunodetection; Conformation; ELISA (Herzyk, D.J. (148) 243)

Periodate; Carbohydrate; Mucin; Immunoperoxidase (Bara, J. (149) 105)

Two-step sandwich immunoassay; Antibody; Analyte; Capture antibody; Labeled antibody (Fernando, S.A. (151) 67)

Mimotope; Random sequence; Expression library (Lenstra, J.A. (152) 149)

Epitope mapping

ELISA, one-step; Cocktail conjugate; IIBIIIa (Rowland, A.M. (151) 87)

Immunochemical analysis; Nuclear phosphoprotein p53; Monoclonal antibody (Vojtěšek, B. (151) 237)

Erythrocyte

Macrophage; Phagocytosis; Antibody-dependent cell-mediated cytotoxicity; 2,7-Diaminofluorene (Gebran, S.J. (151) 255)

Escherichia coli antigen

Western blot; Antibody elution; Chaotropic ion; Cross-reaction (Hammerl, P. (151) 299)

Europium

Complement; Cytotoxicity; Antibody; Cytolysis; Melanoma (Cui, J. (147) 13)

Time-resolved fluoroimmunoassay; Prostaglandin; Biotin-avidin (Lüke, F.J. (148) 217)

Streptavidin; Time-resolved fluorometry; Fluoroimmunoassay; Follicle stimulating hormone; Thyroid stimulating hormone; DELFIA (Suonpää, M. (149) 247)

Europium chelate

Quantitative Western blot analysis; Time-resolved fluorometry; Non-isotopic detection (Diamandis, E.P. (147) 251)

Expression library

Epitope; Mimotope; Random sequence (Lenstra, J.A. (152) 149)

Expression vector

Polymerase chain reaction; Chimeric antibody; Immunoglobulin expression (Coloma, M.J. (152) 89)

Extrathymic T cell

Hepatic lymphocyte; Intermediate TcR cell; $\alpha\beta$ T cell (Watanabe, H. (146) 145)

F

FACS analysis

HLA class II molecule; Peptide antibody; In vitro immunization; ELISA; Immunoblotting (Petersen, J.S. (151) 15)

False-positive reaction

Enzyme immunoassay; Interferon- γ ; Tuberculosis; Plasma; (Bovine) (Jones, S.L. (155) 233)

Fc α R

Neutrophil; Hemodialysis (Mazengera, R.L. (146) 121)

Fc γ receptor

Phagocytosis; Monoclonal antibody; Biotin; Streptavidin (Edberg, J.C. (148) 179)

Fecal blood

Colloidal gold agglutination; Monoclonal antibody; Hemoglobin (Nagata, M. (153) 185)

Ferrofluid

Cell separation; Magnetic separation, high gradient (Thomas, T.E. (154) 245)

Ficoll-Paque

Lymphocyte subsets; Flow cytometry; Cryopreservation (Romeu, M.A. (154) 7)

Filter strip

Cytokine; Late phase allergic reaction; Nasal mucosa (Alam, R. (155) 25)

Fixative

Viral determinant detection; Transmissible gastroenteritis coronavirus; Immunoperoxidase (Tô, L.-T. (154) 195)

Flow cytometry

Leukocyte cellular adhesion molecule; CD11a/CD18; Polymorph; Lymphocyte; Monocyte (Hamblin, A. (146) 219)

Bronchoalveolar lavage fluid; Lymphocyte; Immunoenzyme technique; (Antigen) (Padovan, C.S. (147) 27)

5-Bromo-2-deoxyuridine; Proliferating lymphocyte subset (Carayon, P. (147) 225)

Calcium; T lymphocyte; Activation; (Human) (Alexander, R.B. (148) 131)

Oncogene; Neuroblastoma; Immunolocalization (Gazitt, Y. (148) 159)

Neutrophil; Antigen expression; Preparative procedures (Macey, M.G. (149) 37)

Neutrophil; Formyl-methionine-leucine-phenylalanine receptor (Allen, C.A. (149) 159)

T cell subset; Technical influence; Temperature of storage; Time (Ekong, T. (151) 217)

B lymphocyte; Stimulation; Proliferation (Storek, J. (151) 261)

Intracellular; Immunofluorescence; Monoclonal antibody; HIV; p24 antigen (Heynen, C.A. (152) 25)

DNA fragmentation; Thymocyte apoptosis; Lymphocyte irradiation (Ojeda, F. (152) 171)

Immunomagnetic; Cell separation; Dynabeads; Differentiation; Cell growth; SSEA-1 (Swann, I.D. (152) 245)

Apoptosis; Interleukin-3 (Ormerod, M.G. (153) 57)

Binding constant; Binding site; Cell surface antigen; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Fluorescent in situ hybridization; Gene expression; Immunoglobulin variable region gene (Ravichandran, K.S. (153) 249)

Lymphocyte subsets; Ficoll-Paque; Cryopreservation (Romeu, M.A. (154) 7)

Immunofluorescence; Interleukin-1 (Chikanza, I.C. (154) 173)

Fluorescein-di- β -D-galactopyranoside

ELISA, micro-; Astroscan 2100 automated plate reader; Monoclonal antibody, mouse anti-HLA; Cell line (Sadler, A.M. (149) 11)

3,6-Fluorescein diphosphate

ELISA, competitive; 2,4-Dinitrophenol; Anti-2,4-dinitrophenol; Alkaline phosphatase; *p*-Nitrophenyl phosphate (Huang, Z. (149) 261)

Fluorescence

Liposome; In vivo; Macrophage; Spleen; Liver; Marginal zone (Claassen, E. (147) 231)

DNA determination; Cell culture (Goppelt-Struebe, M. (151) 245)

Fluorescent in situ hybridization

Gene expression; Flow cytometry; Immunoglobulin variable region gene (Ravichandran, K.S. (153) 249)

Fluorimetric analysis

Cytotoxic assay; Carboxyfluorescein diacetate (Provinciali, M. (155) 19)

Fluorochrome

Proliferation assay; LAK cell; DNA staining; Propidium iodide; 4,6-Diamidine-2-phenylindol-dihydrochloride; Acridine orange; Hoechst H33342 (Vollenweider, I. (149) 133)

Fluorogenic luminescent substrate

Antigen-antibody; Biotin-avidin; Enzyme cascade; Non-specific signal (Avrameas, S. (150) 23)

Fluoroimmunoassay

Europium; Streptavidin; Time-resolved fluorometry; Follicle stimulating hormone; Thyroid stimulating hormone; DELFIA (Suonpää, M. (149) 247)

Follicle stimulating hormone

Europium; Streptavidin; Time-resolved fluorometry; Fluoroimmunoassay; Thyroid stimulating hormone; DELFIA (Suonpää, M. (149) 247)

Formyl-methionine-leucine-phenylalanine receptor

Flow cytometry; Neutrophil (Allen, C.A. (149) 159)

Fourier transform infrared spectroscopy

Non-radioisotopic immunoassay; Metal carbonyl tracer; Cyanantrene; Phenobarbital (Salmain, M. (148) 65)

Fragment condensation

Helper T cell epitope; Multiple antigenic peptide; Coupling; Vaccine (McLean, G.W. (155) 113)

Freeze-thaw effects

ELISA; Human blood group A; Octyl- β -D-glucopyranoside; Detergent extracts (Chapman, V. (149) 147)

Freund's adjuvant

Ribi adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Immune response; Antibody affinity; Adjuvant side effects; Granuloma; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

Fusion partner

Interleukin-6; Monoclonal antibody (Harris, J.F. (148) 199)

Fusion protein

Cell adherence; ICAM-1; LFA-1; Cell separation; Immunomagnetic bead (Hedman, H. (146) 203)

Monoclonal antibody; β Amyloid; Kunitz domain (Wunderlich, D. (147) 1)

G

 β -Galactosidase

Cytotoxic T lymphocyte; Enzyme release assay; DNA transfection (Ohmori, H. (147) 119)

***Galanthus nivalis* lectin**

ELISA; HIV; Simian immunodeficiency virus glycoprotein (Mahmood, N. (151) 9)

Gastrin Biosynthesis

Immunosorption; Peptide hormone; Precursor; Radioimmunoassay (Rehfeld, J.F. (153) 7)

Gelatinase

Type IV collagenase; ELISA; Plasma; Pregnancy (Zucker, S. (148) 189)

Gel filtration

HPLC; Aromatic interaction; Hybridoma antibody; Anti-TNP antibody (Michaelsen, T.E. (146) 9)

Gelonin

Liposome immune lysis assay; Ricin; Ricin A chain; Calcein (Paul, A. (148) 151)

Gene

Immunoglobulin; cDNA; Polymerase chain reaction; Specificity repertoires; Allergy (Walker, M.R. (149) 77)

Polymerase chain reaction; Cytokine; Quantitation (Carding, S.R. (151) 277)

Gene dosage

Binding constant; Binding site; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene expression; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Gene expression

Binding constant; Binding site; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Fluorescent in situ hybridization; Flow cytometry; Immunoglobulin variable region gene (Ravichandran, K.S. (153) 249)

Gene therapy

Tumor necrosis factor; Tumor necrosis factor receptor; ELISA, tumor necrosis factor; Tumor infiltrating lymphocyte; Lymphokine secretion (Hwu, P. (151) 139)

pGEX

Chimeric protein A/protein G; Chimeric protein G/alkaline phosphatase; Reporter molecule (Sun, S. (152) 43)

Glioma

Limiting dilution analysis; Tumor infiltrating lymphocyte (Tzeng, J.-J. (146) 177)

Glutamate-rich protein

Plasmodium falciparum; ELISA capture; IgM; IgG; Recombinant fusion protein (Dziegiel, M. (155) 207)

Glycosphingolipid

Natural antibody; Cytotoxicity assay; Complement; (Rabbit) (Yong Park, S. (154) 109)

gp160

Biospecific interaction analysis (BIAcore); Antibody-antigen interaction; Polyclonal serum; HIV-1; Peptide; Affinity (VanCott, T.C. (146) 163)

gp120

HIV-1; Monoclonal antibody; Repertoire cloning; Anti-idiotypic (Kasai, Y. (155) 77)

Granule membrane protein-140

Monoclonal antibody; Enzyme immunoassay; Plasma; CD62; P-Selectin (Katayama, M. (153) 41)

Granulocyte

Chemotaxis; Image analysis (Azzarà, A. (148) 29)

Granulocyte-macrophage colony-stimulating factor

Dendritic cell; Bone marrow differentiation; Immunomagnetic bead selection (Scheicher, C. (154) 253)

Granuloma

Freund's adjuvant; Ribi adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Immune response; Antibody affinity; Adjuvant side effects; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

Graphical fitting method

Antibody association constant; Immunoreactive fraction; Immunological binding parameter; Iterative nonlinear least squares fitting method; Monoclonal antibody, labeled; Law of mass action; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

Group B streptococci

Streptococcus agalactiae; Affinity purification; Oligosaccharide epitope; Trirhamnose, ELISA (Chalifour, R.J. (154) 69)

Group B streptococcus

ELISA; Macrophage; Adherence (Sloan, A.R. (154) 217)

Guanosine 3',5' cyclic monophosphate

Enzyme immunoassay; Adenosine 3',5' cyclic monophosphate (Horton, J.K. (155) 31)

H***Haemophilus influenzae* type b**

ELISA; Polyribosylribitol phosphate; Poly-L-lysine; Monoclonal antibody (Herrmann, D.J. (148) 101)

Hapten

Spacer; Competitive inhibition; ELISA; Conjugate (Kachab, E.H. (147) 33)

Hapten-carrier model

Antigen-specific B cell; T helper hybridoma; In vitro immunization (Schilizzi, B.M. (153) 49)

HBsAg

IgG subclass; Vaccination (Borzi, R.M. (146) 17)

Healthy adult serum

Enhanced chemiluminescence detection system; Immunoblot; IgM, low molecular weight; Neonatal cord blood (Xu, H.J. (146) 241)

Helicobacter pylori

Monoclonal antibody; Hybridoma technique; Human respiratory virus (Coyle, P.V. (153) 81)

Helper epitope

Immune response; Cytotoxic T lymphocyte; Synthetic peptide; Malaria (Widmann, C. (155) 95)

Helper T cell epitope

Fragment condensation; Multiple antigenic peptide; Coupling; Vaccine (McLean, G.W. (155) 113)

Hemodialysis

Fc α R; Neutrophil (Mazengera, R.L. (146) 121)

Hemoglobin

Colloidal gold agglutination; Monoclonal antibody; Fecal blood (Nagata, M. (153) 185)

Hemolytic plaque-forming cell assay

Polysaccharide; Tetanus toxoid; Diphtheria toxoid; IgG; Affinity; Avidity (Barington, T. (146) 129)

Hepatic lymphocyte

Intermediate TcR cell; Extrathymic T cell; $\alpha\beta$ T cell (Watanabe, H. (146) 145)

Hepatitis B e antigen

Hepatitis B virus; Chronic infection; Hepatitis B surface antigen (Maruyama, T. (155) 65)

Hepatitis B surface antigen

Hepatitis B virus; Chronic infection; Hepatitis B e antigen (Maruyama, T. (155) 65)

Hepatitis B virus

Chronic infection; Hepatitis B surface antigen; Hepatitis B e antigen (Maruyama, T. (155) 65)

Hepatitis C virus

ELISA; Non-A, non-B hepatitis; Post-transfusion hepatitis; Viral core protein (Yoshikawa, A. (148) 143)

Heterogeneous immunoassay

Microplate; Washing; Diffusion; Convection (Beumer, T. (154) 77)

Heterology

Sandwich immunoassay; Testosterone dimer; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethylmercapto) testosterone; Testosterone-17-hemisuccinate; Cross-reactivity; 5 α -Dihydrotestosterone (Sengupta, J. (147) 181)

High cell density

Simple roller; Oscillating bubble dialysis chamber; In vitro production of MAbs (Pannell, R. (146) 43)

Histamine

Radioimmunoassay; Single isotope enzymatic assay; Automated spectrofluorometer; Bronchoalveolar lavage fluid; (Lung) (Erger, R.A. (152) 115)

HIV-1

Biospecific interaction analysis (BIAcore); Antibody-antigen interaction; Polyclonal serum; gp160; Peptide; Affinity (VanCott, T.C. (146) 163)

ELISA; Simian immunodeficiency virus glycoprotein; *Galanthus nivalis* lectin (Mahmood, N. (151) 9)

Intracellular; Immunofluorescence; Monoclonal antibody; Flow cytometry; p24 antigen (Heynen, C.A. (152) 25)

ELISPOT, amplified; Antibody-secreting cell; (Monkey) (Eriksson, K. (153) 107)

HIV-1/2

Streptavidin-biotin interaction; Biotinylated peptide; Peptide-based ELISA; AIDS (Ivanov, V.S. (153) 229)

Western blot; Dried blood spot; Seroprevalence (Granade, T.C. (154) 225)

gp120; Monoclonal antibody; Repertoire cloning; Anti-idiotypic (Kasai, Y. (155) 77)

HLA class II molecule

Peptide antibody; In vitro immunization; ELISA; Immunoblotting; FACS analysis (Petersen, J.S. (151) 15)

HLA-DR typing

Reverse dot-blot hybridization; Sequence-specific oligonucleotide; Polymerase chain reaction (Abe, A. (154) 205)

Hoechst H33342

Proliferation assay; LAK cell; DNA staining; Fluorochrome; Propidium iodide; 4,6-Diamidino-2-phenylindol-dihydrochloride; Acridine orange (Vollenweider, I. (149) 133)

Homogeneous

Enzyme immunoassay; Artifact; Limitation; Interference; Cross-reactivity; Surface effect (Pesce, A.J. (150) 111)

Homoscedasticity

Cell-mediated cytotoxicity; Colorimetric assay; Kinetics; Peptide antigen; Major histocompatibility complex antigen; Maternally transmitted antigen (Rodgers, J.R. (152) 159)

'Hook' effect

One-step sandwich immunoassay; Antibody; Capture antibody; Labeled antibody; Capacity (Fernando, S.A. (151) 47)

Hormone receptor

Tumor marker; Tumor antigen; Immunoanalysis; Oncology (Magdelénat, H. (150) 133)

Horseradish peroxidase

Targeting; Monoclonal antibody; Alkaline phosphatase; Macrophage; Coupling; Enzyme conjugate; (Mice) (Van Rooijen, N. (151) 149)

Monoclonal antibody; ELISA; Human follicle stimulating hormone; Human chorionic gonadotropin (Madersbacher, S. (152) 9)

HPLC

Gel filtration; Aromatic interaction; Hybridoma antibody; Anti-TNP antibody (Michaelsen, T.E. (146) 9)

Human acetylcholine receptor (AChR)

Immunomagnetic particle; T cell stimulation; Antigen presentation; Autoreactive human T cell; Myasthenia gravis (Hawke, S. (155) 41)

Human autologous tumor

Cytotoxic T lymphocyte; Cryopreservation; Lymphocyte (Wada, Y. (154) 235)

Human blood group A

ELISA; Octyl- β -D-glucopyranoside; Detergent extracts; Freeze-thaw effects (Chapman, V. (149) 147)

Human chorionic gonadotropin

Horseradish peroxidase; Monoclonal antibody; ELISA; Human follicle stimulating hormone (Madersbacher, S. (152) 9)

Human follicle stimulating hormone

Horseradish peroxidase; Monoclonal antibody; ELISA; Human chorionic gonadotropin (Madersbacher, S. (152) 9)

Human hybridoma

Serum-free medium; Monoclonal antibody; Scale up (Lang, A.B. (154) 21)

Human IgA subclass

In situ hybridization; Immunohistochemistry (Islam, K.B. (154) 163)

Human respiratory virus

Monoclonal antibody; Hybridoma technique; *Helicobacter pylori* (Coyle, P.V. (153) 81)

Hybridization

Enzyme; Polymerase chain reaction; Oligonucleotide; Non-isotopic (Chikhaoui, Y. (150) 51)

Hybridoma antibody

Gel filtration; HPLC; Aromatic interaction; Anti-TNP antibody (Michaelsen, T.E. (146) 9)

Hybridoma, human

Cell line; Selection method (Hundhausen, T. (153) 21)

Hybridoma screening

Circle assay; ELISA, cellular; Immunocytochemistry (Balogh, P. (153) 141)

Hybridoma technique

Monoclonal antibody; Human respiratory virus; *Helicobacter pylori* (Coyle, P.V. (153) 81)

Hydrogen peroxide

Neutrophil; Phagocyte; Superoxide; NADPH oxidase (Anderson, R. (155) 49)

I**ICAM-1**

Cell adherence; LFA-1; Cell separation; Fusion protein; Immunomagnetic bead (Hedman, H. (146) 203)

IgA

Monoclonal antibody; Parasite; *Eimeria tenella* (Hoare, J.A. (153) 161)

IgE

CD23 (FcεRII); Baculovirus; Apoptosis (Graber, P. (149) 215)

IgE antibody

Radioallergosorbent test; Benzyl penicilloyl hapten-poly-L-lysine conjugate; Benzyl penicilloyl hapten-human serum albumin conjugate (Blanca, M. (153) 99)

IgG

Hemolytic plaque-forming cell assay; Polysaccharide; Tetanus toxoid; Diphtheria toxoid; Affinity; Avidity (Barington, T. (146) 129)

IgG subclass; Monoclonal antibody; Immunoassay; Dose-response curve (Hvatum, M. (148) 77)

IgG-polyethylene glycol conjugate; Proteolytic degradation; Enzyme (Cunningham-Rundles, C. (152) 177)

Plasmodium falciparum; Glutamate-rich protein; ELISA capture; IgM; Recombinant fusion protein (Dziegiel, M. (155) 207)

IgG-polyethylene glycol conjugate

IgG; Proteolytic degradation; Enzyme (Cunningham-Rundles, C. (152) 177)

IgG rheumatoid factor

Rheumatoid factor immunoblot assay; (Human) (Newkirk, M.M. (148) 93)

IgG subclass

HBsAg; Vaccination (Borzì, R.M. (146) 17)

IgG; Monoclonal antibody; Immunoassay; Dose-response curve (Hvatum, M. (148) 77)

IgM

Plasmodium falciparum; Glutamate-rich protein; ELISA capture; IgG; Recombinant fusion protein (Dziegiel, M. (155) 207)

IgM antibody, rabbit

Enzyme immunoassay; Complement; Sensitivity (Kuhn, H.-M. (155) 201)

IgM (Fab')₂

IgM, mouse; Low temperature pepsinolysis; IgM proteolysis; IgM monoclonal (Pascual, D.W. (146) 249)

IgM, low molecular weight

Enhanced chemiluminescence detection system; Immunoblot; Healthy adult serum; Neonatal cord blood (Xu, H.J. (146) 241)

IgM monoclonal

IgM, mouse; IgM (Fab')₂; Low temperature pepsinolysis; IgM proteolysis (Pascual, D.W. (146) 249)

IgM, mouse

IgM (Fab')₂; Low temperature pepsinolysis; IgM proteolysis; IgM monoclonal (Pascual, D.W. (146) 249)

IgM proteolysis

IgM, mouse; IgM (Fab')₂; Low temperature pepsinolysis; IgM monoclonal (Pascual, D.W. (146) 249)

IgY

Egg-yolk antibody; Immunized hen; Antibody purification; Affinity chromatography; Transferrin; Nephelometry (Ntakarutimana, V. (153) 133)

IgY chicken

ELISA, competitive; α-Amidating enzyme (Sturmer, A.M. (146) 105)

IIBIIIa

ELISA, one-step; Cocktail conjugate; Epitope mapping (Rowland, A.M. (151) 87)

proIL-1 β

Immunodetection; Epitope; Conformation; ELISA (Herzyk, D.J. (148) 243)

Image analysis

Chemotaxis; Granulocyte (Azzarà, A. (148) 29)

Immune complex

Conglutinin; Anti-collagen antibody; Systemic lupus erythematosus (Holmskov, U. (148) 225)

Immune response

Freund's adjuvant; Ribi adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Antibody affinity; Adjuvant side effects; Granuloma; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

Cytotoxic T lymphocyte; Helper epitope; Synthetic peptide; Malaria (Widmann, C. (155) 95)

Immunization

Baculovirus expression; Monoclonal antibody; Lymphocyte cell surface antigen; Polymerase chain reaction (De Boer, M. (152) 15)

Cytotoxic T lymphocyte; Influenza A virus; Synthetic peptide (Zhou, X. (153) 193)

Immunized hen

Egg-yolk antibody; IgY; Antibody purification; Affinity chromatography; Transferrin; Nephelometry (Ntakarutimana, V. (153) 133)

Immuno-adjvant

TiterMax; Complete Freund's adjuvant; Antibody titer (Bennett, B. (153) 31)

Immuno-adsorption

Monoclonal antibody; Biotinylation; ELISA; Western blot (Schuh, R. (152) 59)

Immuno-analysis

Tumor marker; Tumor antigen; Hormone receptor; Oncology (Magdelénat, H. (150) 133)

Immuno-assay

Monoclonal antibody; Second antibody; Immunoglobulin κ chain; Plasma, human; Plasma, rabbit; Affinity (Reed, G.L. (147) 111)

Response/error relationship; Imprecision profile; Resampling technique (Chiecchio, A. (147) 211)

IgG; IgG subclass; Monoclonal antibody; Dose-response curve (Hvatum, M. (148) 77)

Precision profile; Statistics; Replicate (Delaage, M. (150) 103)

Dinitrophenyl; Immunoperoxidase; Dinitrophenyl-hapten procedure; Dinitrophenyl localization system; Immunolocalization (Jasani, B. (150) 193)

Polyvinyl chloride; Ligand adsorption; Kinetics of adsorption (Zalazar, F.E. (152) 1)

Chemiluminescence; Dot-blot assay; Chromogranin A; Brain protein (Heinicke, E. (152) 227)

Blood collection; Anticoagulant; Spiked recombinant cytokine; Stability; Recovery (Thavasu, P.W. (153) 115)

Catecholamine; Adrenalin; Noradrenalin (Murphy, J.F. (154) 89)

DNase I; Inhibitor; Enzyme assay; Serum assay; Endogenous DNase (Gibson, U.E.M. (155) 249)

Immunoblot

Enhanced chemiluminescence detection system; IgM, low molecular weight; Healthy adult serum; Neonatal cord blood (Xu, H.J. (146) 241)

Immunoblotting

HLA class II molecule; Peptide antibody; In vitro immunization; ELISA; FACS analysis (Petersen, J.S. (151) 15)

Immuno-chemical analysis

Nuclear phosphoprotein p53; Monoclonal antibody; Epitope mapping (Vojtěšek, B. (151) 237)

Immuno-cytochemical staining

Antibody-containing cell; In situ detection; *Eimeria tenella*; (Chicken) (Vervelde, L. (151) 191)

Immuno-cytochemistry

Islet cell; Cytoplasmic; (Antibody) (Marshall, M.O. (149) 63)

B cell; Enzyme; Spleen; In situ; (Antibody) (Claassen, E. (150) 207)

Hybridoma screening; Circle assay; ELISA, cellular (Balogh, P. (153) 141)

Immunodetection

proIL-1 β ; Epitope; Conformation; ELISA (Herzyk, D.J. (148) 243)

Immunodiagnostic kits

Tropical disease; Diagnostics (Talwar, G.P. (150) 121)

Immuno-enzyme technique

Bronchoalveolar lavage fluid; Flow cytometry; Lymphocyte; (Antigen) (Padovan, C.S. (147) 27)

Immunoenzymometric assay

Chelating agent; Magnetizable carrier (Löster, K. (148) 41)

Immunofluorescence

Intracellular; Monoclonal antibody; HIV; Flow cytometry; p24 antigen (Heynen, C.A. (152) 25)

Interleukin-1; Flow cytometry (Chikanza, I.C. (154) 173)

Immunofluorescence analysis

Lymphocyte subsets; Staining method (Pechhold, K. (147) 135)

Immunoglobulin

Gene; cDNA; Polymerase chain reaction; Specificity reporters; Allergy (Walker, M.R. (149) 77)

¹³C-NMR; Allotype (Kim, H.H. (153) 223)

Immunoglobulin expression

Expression vector; Polymerase chain reaction; Chimeric antibody (Coloma, M.J. (152) 89)

Immunoglobulin κ chain

Monoclonal antibody; Second antibody; Plasma, human; Plasma, rabbit; Affinity; Immunoassay (Reed, G.L. (147) 111)

Immunoglobulin, mouse

Cryptococcus neoformans; Monoclonal antibody, mouse; ELISA; Polysaccharide, cryptococcal (Casadevall, A. (154) 27)

Immunoglobulin variable region gene

Fluorescent in situ hybridization; Gene expression; Flow cytometry (Ravichandran, K.S. (153) 249)

Immunohistochemistry

In situ hybridization; Oligonucleotide histochemistry; In situ nick translation (Nakane, P.K. (150) 151)

Human IgA subclass; In situ hybridization (Islam, K.B. (154) 163)

Immunolocalization

Oncogene; Neuroblastoma; Flow cytometry (Gazitt, Y. (148) 159)

Dinitrophenyl; Immunoperoxidase; Dinitrophenyl-hapten procedure; Dinitrophenyl localization system; Immunoassay (Jasani, B. (150) 193)

Immunological binding parameter

Antibody association constant; Graphical fitting method; Immunoreactive fraction; Iterative nonlinear least squares fitting method; Monoclonal antibody, labeled; Law of mass action; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

Immunology

Pregnancy; Placenta; Mononuclear cell; Cell culture (Rasheed, F.N. (146) 185)

Immunomagnetic

Microbeads; Dynabeads; CD45RO; UCHL1; Magnetic cell sorter (Manyonda, I.T. (149) 1)

Cell separation; Dynabeads; Differentiation; Cell growth; SSEA-1; Flow cytometry (Swann, I.D. (152) 245)

Immunomagnetic bead

Cell adherence; ICAM-1; LFA-1; Cell separation; Fusion protein (Hedman, H. (146) 203)

Cell separation; Colorectal tumor cell; Tumor infiltrating leukocyte; Monoclonal antibody HEA125; Epithelium specific (Kemmner, W. (147) 197)

Purification; Basophilic granulocyte, human (Mul, F.P.J. (149) 207)

Immunomagnetic bead selection

Dendritic cell; Bone marrow differentiation; Granulocyte-macrophage colony-stimulating factor (Scheicher, C. (154) 253)

Immunomagnetic particle

T cell stimulation; Human acetylcholine receptor (AChR); Antigen presentation; Autoreactive human T cell; Myasthenia gravis (Hawke, S. (155) 41)

Immunomodulation test

Computer program; Microplate; Planning and evaluation (Siman, P. (146) 1)

Immunoperoxidase

Membrane antigen (Gonatas, N.K. (150) 185)

Dinitrophenyl; Dinitrophenyl-hapten procedure; Dinitrophenyl localization system; Immunolocalization; Immunoassay (Jasani, B. (150) 193)

Viral determinant detection; Transmissible gastroenteritis coronavirus; Fixative (Tô, L.-T. (154) 195)

Immunoperoxidase

Periodate; Carbohydrate; Mucin; Epitope (Bara, J. (149) 105)

Immunophenotyping

Lymphocyte number; Quality control test; CD4 T lymphocyte; CD8 T lymphocyte; Automatic device (Aboulker, J.P. (154) 155)

Immunoprecipitation

Antigen determination; Microgravimetry; Antibody determination (Pokrić, B. (148) 49)

Immunoreactive fraction

Antibody association constant; Graphical fitting method; Immunological binding parameter; Iterative nonlinear least squares fitting method; Monoclonal antibody, labeled; Law of mass action; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

Monoclonal antibody; Cell fixation; Cytoplasmic antigen (Haisma, H.J. (154) 55)

Immunoselection

Lyt2⁻ mutant; Magnetic particle; X ray mutagenesis (Iannelli, D. (154) 211)

Immuno sorption

Peptide hormone; Gastrin Biosynthesis; Precursor; Radioimmunoassay (Rehfeld, J.F. (153) 7)

Immunosuppressive

Interleukin-1; Myelomonocytic; Inhibition (Peritt, D. (155) 167)

Immunotoxin

Ribosome-inactivating protein; Toxin (Strocchi, P. (155) 57)

Imprecision profile

Immunoassay; Response/error relationship; Resampling technique (Chiecchio, A. (147) 211)

Incubation

Acoustic microstreaming; Diffusion; Insonation; ELISA; Probe-based assay; Automation (Boraker, D.K. (155) 91)

Infertility

Anti-sperm cell-mediated immunity; Computer-assisted image analysis system; Leukocyte migration inhibition factor assay (Dimitrov, D.G. (154) 147)

Influenza A virus

Cytotoxic T lymphocyte; Synthetic peptide; Immunization (Zhou, X. (153) 193)

Inhibition

Mycoplasma; Proliferation; Splenocyte; Stimulation (Alzani, R. (152) 35)

Interleukin-1; Myelomonocytic; Immunosuppressive (Peritt, D. (155) 167)

Inhibitor

Liquid phase isoelectric focusing; Rotofor cell; Interleukin-1; Myelomonocytic; (Human) (Peritt, D. (155) 159)

DNase I; Enzyme assay; Immunoassay; Serum assay; Endogenous DNase (Gibson, U.E.M. (155) 249)

Inhibitor-labeled

Enzyme immunoassay; Enzyme-multiplied immunoassay technique; Substrate-labeled fluorescence immunoassay; Apoenzyme reactivation immunoassay; Cofactor-labeled (Jenkins, S.H. (150) 91)

In situ

B cell; Immunocytochemistry; Enzyme; Spleen; (Antibody) (Claassen, E. (150) 207)

In situ detection

Immunocytochemical staining; Antibody-containing cell; *Eimeria tenella*; (Chicken) (Vervelde, L. (151) 191)

In situ hybridization

Interferon- γ ; Interleukin-6; Interleukin-1; Thyroid tissue (Rutenfranz, I. (148) 233)

Immunohistochemistry; Oligonucleotide histochemistry; In situ nick translation (Nakane, P.K. (150) 151)

Human IgA subclass; Immunohistochemistry (Islam, K.B. (154) 163)

In situ nick translation

Immunohistochemistry; In situ hybridization; Oligonucleotide histochemistry (Nakane, P.K. (150) 151)

Insonation

Acoustic microstreaming; Diffusion; ELISA; Probe-based assay; Incubation; Automation (Boraker, D.K. (155) 91)

Insulin

Radioimmunoassay; Autoimmune thyroid disease; Autoantibody (Hegewald, M.J. (154) 61)

Interference

Enzyme immunoassay; Artifact; Limitation; Cross-reactivity; Homogeneous; Surface effect (Pesce, A.J. (150) 111)

Interferon- γ

In situ hybridization; Interleukin-6; Interleukin-1; Thyroid tissue (Rutenfranz, I. (148) 233)

Enzyme immunoassay; False-positive reaction; Tuberculosis; Plasma; (Bovine) (Jones, S.L. (155) 233)

Interferon- γ antagonist

Interferon- γ , human; Interferon- γ receptor; Soluble receptor; Solid-phase binding test (Ozmen, L. (147) 261)

Interferon- γ , human

Interferon- γ receptor; Soluble receptor; Solid-phase binding test; Interferon- γ antagonist (Ozmen, L. (147) 261)

Interferon- γ receptor

Interferon- γ , human; Soluble receptor; Solid-phase binding test; Interferon- γ antagonist (Ozmen, L. (147) 261)

Interleukin-1

In situ hybridization; Interferon- γ ; Interleukin-6; Thyroid tissue (Rutenfranz, I. (148) 233)

ELISPOT; Amplified immunoassay; Avidin-biotin; Anti-peroxidase (Nordström, I. (150) 199)

Tumor necrosis factor; Monocyte; U937 cell line; Phagocytosis (Jiang, W.G. (152) 201)

Immunofluorescence; Flow cytometry (Chikanza, I.C. (154) 173)

Liquid phase isoelectric focusing; Rotofor cell; Inhibitor; Myelomonocytic; (Human) (Peritt, D. (155) 159)

Myelomonocytic; Immunosuppressive; Inhibition (Peritt, D. (155) 167)

Interleukin-2

ELISA; Cerebrospinal fluid; Central nervous system infections; Intrathecal synthesis (Sharief, M.K. (147) 51)

Interleukin-3

Apoptosis; Flow cytometry (Ormerod, M.G. (153) 57)

Interleukin-4

ELISA; Avidin-biotin system; Enzyme amplification system (Ishizuka, T. (153) 213)

Interleukin-6

Dissociation-enhanced lanthanide fluoroimmunoassay; Time-resolved fluoroimmunoassay; Tumor necrosis factor α ; Cytokine (Ogata, A. (148) 15)

Radioimmunoassay; Monocyte, human (Peppard, J.V. (148) 23)

Fusion partner; Monoclonal antibody (Harris, J.F. (148) 199)

In situ hybridization; Interferon- γ ; Interleukin-1; Thyroid tissue (Rutenfranz, I. (148) 233)

Endotoxin; Lipopolysaccharide; Interleukin-1 α ; Interleukin-1 β ; Tumor necrosis factor α (Riches, P. (153) 125)

Interleukin-8

ELISA; Radioimmunoassay; Monoclonal antibody (Ko, Y.-c. (149) 227)

Interleukin-1 α

Endotoxin; Lipopolysaccharide; Interleukin-1 β ; Interleukin-6; Tumor necrosis factor α (Riches, P. (153) 125)

Interleukin-1 β

Radioimmunoassay; ELISA; Monoclonal antibody; Interleukin-1 receptor antagonist (Dinarello, C.A. (148) 255)

Endotoxin; Lipopolysaccharide; Interleukin-1 α ; Interleukin-6; Tumor necrosis factor α (Riches, P. (153) 125)

Interleukin-2 receptor

Monoclonal antibody; (Pig) (Bailey, M. (153) 85)

Interleukin-1 receptor antagonist

Radioimmunoassay; ELISA; Monoclonal antibody; Interleukin-1 β (Dinarello, C.A. (148) 255)

Interleukin-3 receptor, murine

Polymerase chain reaction; Cytokine (Fung, M.-C. (149) 97)

Intermediate TcR cell

Hepatic lymphocyte; Extrathymic T cell; $\alpha\beta$ T cell (Watanabe, H. (146) 145)

Intracellular

Immunofluorescence; Monoclonal antibody; HIV; Flow cytometry; p24 antigen (Heynen, C.A. (152) 25)

Intraepithelial lymphocyte

Enterocyte; Isolation procedure; (Human) (Lundqvist, C. (152) 253)

Intrathecal synthesis

Interleukin-2; ELISA; Cerebrospinal fluid; Central nervous system infections (Sharief, M.K. (147) 51)

In vitro immunization

HLA class II molecule; Peptide antibody; ELISA; Immunoblotting; FACS analysis (Petersen, J.S. (151) 15)

Antigen-specific B cell; Hapten-carrier model; T helper hybridoma (Schilizzi, B.M. (153) 49)

In vitro production of MAb

Simple roller; Oscillating bubble dialysis chamber; High cell density (Pannell, R. (146) 43)

In vivo

Liposome; Macrophage; Spleen; Liver; Fluorescence; Marginal zone (Claassen, E. (147) 231)

Islet cell

Immunocytochemistry; Cytoplasmic; (Antibody) (Marshall, M.O. (149) 63)

Isolation of subpopulation

Nylon wool; Monoclonal antibody (Kokkinopoulos, D. (154) 1)

Isolation procedure

Intraepithelial lymphocyte; Enterocyte; (Human) (Lundqvist, C. (152) 253)

Nylon wool column; Magnetic bead; Sephadex G-10; Dendritic cell; Antigen presentation; T cell (Havenith, C.E.G. (153) 73)

Isotype variant

Neuroblastoma, anti-human; ELISA (D'Uscio, C. (146) 63)

Iterative nonlinear least squares fitting method

Antibody association constant; Graphical fitting method; Immunoreactive fraction; Immunological binding parameter; Monoclonal antibody, labeled; Law of mass action; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

K**K562**

Dual laser flow cytometry; Conjugate; Binding; CD8^{dim}; CD8^{bright} (Vitale, M. (149) 189)

Kinetics

Cell-mediated cytotoxicity; Colorimetric assay; Peptide antigen; Major histocompatibility complex antigen; Maternally transmitted antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

Kinetics of adsorption

Polyvinyl chloride; Immunoassay; Ligand adsorption (Zalazar, F.E. (152) 1)

Kininogen

Cathepsin-kininogen complex; Cathepsin; Cysteine proteinase inhibitor; ELISA; Acute phase condition (Takeda, A. (147) 217)

Cystatin superfamily; Proteinase inhibitor; Anti-peptide antibody (Lalmanach, G. (149) 197)

Kunitz domain

Fusion protein; Monoclonal antibody; β Amyloid (Wunderlich, D. (147) 1)

L**Labeled antibody**

One-step sandwich immunoassay; Antibody; Capture antibody; Capacity; 'Hook' effect (Fernando, S.A. (151) 47)

Two-step sandwich immunoassay; Antibody; Analyte; Capture antibody; Epitope (Fernando, S.A. (151) 67)

LAK cell

Proliferation assay; DNA staining; Fluorochrome; Propidium iodide; 4,6-Diamidine-2-phenylindol-dihydrochloride; Acridine orange; Hoechst H33342 (Vollenweider, I. (149) 133)

Late phase allergic reaction

Cytokine; Nasal mucosa; Filter strip (Alam, R. (155) 25)

Law of mass action

Antibody association constant; Graphical fitting method; Immunoreactive fraction; Immunological binding parameter; Iterative nonlinear least squares fitting method; Monoclonal antibody, labeled; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

Lectin

Binding constant; Binding site; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Monoclonal antibody; Carbohydrate heterogeneity (Coco-Martin, J.M. (155) 241)

Leukemia

Mycoplasma; Cell line; Detection (Uphoff, C.C. (149) 43)

Mycoplasma; Cell line; Elimination (Uphoff, C.C. (149) 55)

Leukocyte cellular adhesion molecule

CD11a/CD18; Flow cytometry; Polymorph; Lymphocyte; Monocyte (Hamblin, A. (146) 219)

Leukocyte migration inhibition factor assay

Anti-sperm cell-mediated immunity; Computer-assisted image analysis system; Infertility (Dimitrov, D.G. (154) 147)

LFA-1

Cell adherence; ICAM-1; Cell separation; Fusion protein; Immunomagnetic bead (Hedman, H. (146) 203)

Ligand adsorption

Polyvinyl chloride; Immunoassay; Kinetics of adsorption (Zalazar, F.E. (152) 1)

Limitation

Enzyme immunoassay; Artifact; Interference; Cross-reactivity; Homogeneous; Surface effect (Pesce, A.J. (150) 111)

Limiting dilution analysis

Glioma; Tumor infiltrating lymphocyte (Tzeng, J.-J. (146) 177)

T helper cell; Alloreactivity; Primed and unprimed T cells (Deacock, S. (147) 83)

Linear sweep voltammetry

ELISA; Alkaline phosphatase; *p*-Nitrophenol (Tie, F. (149) 115)

Lipid A

Lipopolysaccharide; Radiolabel; Endotoxin (Munford, R.S. (148) 115)

Lipopolysaccharide

Radiolabel; Lipid A; Endotoxin (Munford, R.S. (148) 115)

ELISA; Poly-L-lysine; Polymyxin B (Takahashi, K. (153) 67)

Endotoxin; Interleukin-1 α ; Interleukin-1 β ; Interleukin-6; Tumor necrosis factor α (Riches, P. (153) 125)

Liposome

In vivo; Macrophage; Spleen; Liver; Fluorescence; Marginal zone (Claassen, E. (147) 231)

Liposome immune lysis assay

Gelonin; Ricin; Ricin A chain; Calcein (Paul, A. (148) 151)

Liquid phase isoelectric focusing

Rotofor cell; Interleukin-1; Inhibitor; Myelomonocytic; (Human) (Peritt, D. (155) 159)

Liver

Liposome; In vivo; Macrophage; Spleen; Fluorescence; Marginal zone (Claassen, E. (147) 231)

Locomotion

Lymphocyte; Polarization; Phenotype (Newman, I. (147) 43)

Long term cytotoxic assay

Prelabeling; Methionine, [³⁵S]-; ⁵¹Chromium (Katz, A. (149) 255)

Loss of antibody activity

Chromatography, high performance liquid; Monoclonal antibody preparation; Autoantigen blockage; Restoring antibody activity (Ma, J. (155) 121)

Low pH treatment

Monoclonal antibody; Polystyrene latex particle; Adsorption (Van Erp, R. (152) 191)

Low temperature pepsinolysis

IgM, mouse; IgM (Fab')₂; IgM proteolysis; IgM monoclonal (Pascual, D.W. (146) 249)

Lucifer Yellow

Electroporation; Lymphocyte; Organic anion transport; Probenecid (Dinchuk, J.E. (155) 257)

Lymphocyte

Leukocyte cellular adhesion molecule; CD11a/CD18; Flow cytometry; Polymorph; Monocyte (Hamblin, A. (146) 219)

Bronchoalveolar lavage fluid; Flow cytometry; Immunoenzyme technique; (Antigen) (Padovan, C.S. (147) 27)

Polarization; Locomotion; Phenotype (Newman, I. (147) 43)

c-MYC protein; Western blot (Spiller, D.G. (149) 29)

Cytotoxic T lymphocyte; Human autologous tumor; Cryopreservation (Wada, Y. (154) 235)

Electroporation; Lucifer Yellow; Organic anion transport; Probenecid (Dinchuk, J.E. (155) 257)

Lymphocyte cell surface antigen

Baculovirus expression; Immunization; Monoclonal antibody; Polymerase chain reaction (De Boer, M. (152) 15)

Lymphocyte irradiation

DNA fragmentation; Flow cytometry; Thymocyte apoptosis (Ojeda, F. (152) 171)

Lymphocyte number

Immunophenotyping; Quality control test; CD4 T lymphocyte; CD8 T lymphocyte; Automatic device (Aboulker, J.P. (154) 155)

Lymphocyte proliferation

Serum-free medium; Mitogen; Mixed lymphocyte culture; Antigen specific (Kaldjian, E.P. (147) 189)

Lymphocyte subsets

Immunofluorescence analysis; Staining method (Pechhold, K. (147) 135)

B cell malignancy; Dual fluorescence flow cytometry; Surface immunoglobulin (Reynolds, W.M. (151) 123)

Flow cytometry; Ficoll-Paque; Cryopreservation (Romeu, M.A. (154) 7)

Lymphokine secretion

Tumor necrosis factor; Tumor necrosis factor receptor; ELISA, tumor necrosis factor; Tumor infiltrating lymphocyte; Gene therapy (Hwu, P. (151) 139)

Lymphoproliferation assay

Statistical method; Data analysis; Responder (Bennett, S. (146) 229)

Lysozyme

Enzyme immunoassay; Biological fluid (Taylor, D.C. (146) 55)

Lyt2⁻ mutant

Magnetic particle; Immunoselection; X ray mutagenesis (Ianneli, D. (154) 211)

M

Macrophage

Liposome; In vivo; Spleen; Liver; Fluorescence; Marginal zone (Claassen, E. (147) 231)

Targeting; Monoclonal antibody; Alkaline phosphatase; Horseradish peroxidase; Coupling; Enzyme conjugate; (Mice) (Van Rooijen, N. (151) 149)

Erythrocyte; Phagocytosis; Antibody-dependent cell-mediated cytotoxicity; 2,7-Diaminofluorene (Gebran, S.J. (151) 255)

Group B streptococcus; ELISA; Adherence (Sloan, A.R. (154) 217)

Magnetic bead

Microsphere; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Avidin; Membrane charge properties; Membrane carbohydrate binding site (Andreoni, C. (151) 249)

Isolation procedure; Nylon wool column; Sephadex G-10; Dendritic cell; Antigen presentation; T cell (Havenith, C.E.G. (153) 73)

Magnetic cell sorter

Immunomagnetic; Microbeads; Dynabeads; CD45RO; UCHL1 (Manyonda, I.T. (149) 1)

Magnetic particle

Lyt2⁻ mutant; Immunoselection; X ray mutagenesis (Iannelli, D. (154) 211)

Magnetic separation, high gradient

Cell separation; Ferrofluid (Thomas, T.E. (154) 245)

Magnetizable carrier

Chelating agent; Immunoenzymometric assay (Löster, K. (148) 41)

Major histocompatibility complex antigen

Cell-mediated cytotoxicity; Colorimetric assay; Kinetics; Peptide antigen; Maternally transmitted antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

Major histocompatibility complex class II chain

Chromatography, high performance electrophoresis; Preparative electroelution; Peptide binding (Passmore, D. (155) 193)

Major histocompatibility complex restriction

CD8⁺ suppressor T cell clone; V β 8 family; Soluble suppressor molecule (Hu, F.-y. (152) 123)

Malaria

Immune response; Cytotoxic T lymphocyte; Helper epitope; Synthetic peptide (Widmann, C. (155) 95)

α -Mannan

Phagocytosis (quantitative study of); Yeast; Cytochalasin B; Chloroquine (Giannis, J. (154) 185)

Marginal zone

Liposome; In vivo; Macrophage; Spleen; Liver; Fluorescence (Claassen, E. (147) 231)

Marker enzyme

Assay principle; Bound-free separation; Conjugates-substrate reaction; Assay parameter (Porstmann, T. (150) 5)

Mast cell identification

Spleen cell, mouse; Mast cell induction; Mitogen response of mast cells (Hu, Z.-Q. (149) 173)

Mast cell induction

Spleen cell, mouse; Mast cell identification; Mitogen response of mast cells (Hu, Z.-Q. (149) 173)

Maternally transmitted antigen

Cell-mediated cytotoxicity; Colorimetric assay; Kinetics; Peptide antigen; Major histocompatibility complex antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

MDR-1

Oncogene; Neuroblastoma; Bone marrow metastasis (Gazit, Y. (148) 171)

Melanoma

Europium; Complement; Cytotoxicity; Antibody; Cytolysis (Cui, J. (147) 13)

Cellular cytotoxicity assay; Colorimetric; Natural killer cell; Tetrazolium; XTT (Jost, L.M. (147) 153)

Membrane antigen

Immunoperoxidase (Gonatas, N.K. (150) 185)

Membrane carbohydrate binding site

Magnetic bead; Avidin; Membrane charge properties (Andreoni, C. (151) 249)

Membrane charge properties

Magnetic bead; Avidin; Membrane carbohydrate binding site (Andreoni, C. (151) 249)

Metal carbonyl tracer

Non-radioisotopic immunoassay; Cymantrene; Fourier transform infrared spectroscopy; Phenobarbital (Salmain, M. (148) 65)

Methionine, [³⁵S]-

Long term cytotoxic assay; Prelabeling; ⁵¹Chromium (Katz, A. (149) 255)

Methylene blue

Colorimetric microtiter assay; Cytotoxin; Monocyte, human; Cell adherence (Keisari, Y. (146) 155)

Microbeads

Immunomagnetic; Dynabeads; CD45RO; UCHL1; Magnetic cell sorter (Manyonda, I.T. (149) 1)

Microchemotaxis chamber

Densitometer; Polymorphonuclear leukocyte; Quantification (Misso, N.L.A. (149) 183)

Microgravimetry

Antigen determination; Immunoprecipitation; Antibody determination (Pokrić, B. (148) 49)

Microplate

Computer program; Immunomodulation test; Planning and evaluation (Siman, P. (146) 1)

Heterogeneous immunoassay; Washing; Diffusion; Convection (Beumer, T. (154) 77)

Microscopic polyarteritis

Anti-neutrophil cytoplasm antibody; Wegener's granulomatosis; Rapidly progressive glomerulonephritis; Anti-myeloperoxidase antibody (Chevailler, A. (147) 101)

Microsphere

Blood group antigen; Agglutination; Blood typing; Saliva, human; Capillary tube (Yazawa, S. (147) 21)

Magnetic bead; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Microtiter

Magnetic bead; Microsphere; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Epidemiology; Monoclonal antibody (Gundersen, S.G. (148) 1)

Mimotope

Epitope; Random sequence; Expression library (Lenstra, J.A. (152) 149)

Mini-electrofusion

Monoclonal antibody; B cell clone (Steenbakkers, P.G.A. (152) 69)

Mitogen

Lymphocyte proliferation; Serum-free medium; Mixed lymphocyte culture; Antigen specific (Kaldjian, E.P. (147) 189)

Mitogen response of mast cells

Spleen cell, mouse; Mast cell induction; Mast cell identification (Hu, Z.-Q. (149) 173)

Mixed lymphocyte culture

Lymphocyte proliferation; Serum-free medium; Mitogen; Antigen specific (Kaldjian, E.P. (147) 189)

Mixed lymphocyte reaction

Centrifugal elutriation; Dendritic cell; Antigen presenting cell; (Spleen); (Mouse) (Ossevoort, M.A. (155) 101)

Molecular hybridization

Non-radioactive probe (Guesdon, J.-L. (150) 33)

Monoclonal antibody

Parathyroid hormone-related protein; Two-site immunoradiometric assay; Western blot (Ratcliffe, W.A. (146) 33)

Fusion protein; β Amyloid; Kunitz domain (Wunderlich, D. (147) 1)

Mycoplasma; Elongation factor Tu; Species differentiation of mycoplasmas (Kamla, V. (147) 73)

Second antibody; Immunoglobulin κ chain; Plasma, human; Plasma, rabbit; Affinity; Immunoassay (Reed, G.L. (147) 111)

Magnetic bead; Microsphere; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Epidemiology; Microtiter (Gundersen, S.G. (148) 1)

IgG; IgG subclass; Immunoassay; Dose-response curve (Hvatum, M. (148) 77)

Haemophilus influenzae type b; ELISA; Polyribosylribitol phosphate; Poly-L-lysine (Herrmann, D.J. (148) 101)

Class and subclass switch; ELISA spot assay (Spira, G. (148) 121)

Fc γ receptor; Phagocytosis; Biotin; Streptavidin (Edberg, J.C. (148) 179)

Interleukin-6; Fusion partner (Harris, J.F. (148) 199)

Radioimmunoassay; ELISA; Interleukin-1 β ; Interleukin-1 receptor antagonist (Dinarello, C.A. (148) 255)

Partitioning; Two-phase system; Thiophilic adsorption; Cell culture medium (Sulk, B. (149) 165)

Interleukin-8; ELISA; Radioimmunoassay (Ko, Y.-c. (149) 227)

Dextran carrier; ELISA; *s*-Triazine quantification (Böcher, M. (151) 1)

Biosynthetic human growth hormone; Titration; Competitive; Cooperativity; Circular antigen-antibody complex (Fernando, S.A. (151) 27)

Targeting; Alkaline phosphatase; Macrophage; Horseradish peroxidase; Coupling; Enzyme conjugate; (Mice) (Van Rooijen, N. (151) 149)

Catalase; Peroxisome; Peroxisomal biogenesis (Wiemer, E.A.C. (151) 165)

Tumor antigen; Baculovirus recombinant; Antibody-directed cellular cytotoxicity assay (Nesbit, M. (151) 201)

Neuron-specific enolase, human; Synthetic peptide; ELISA, double-antibody sandwich; Small-cell carcinoma of the lung (Duncan, M.E. (151) 227)

Immunochemical analysis; Nuclear phosphoprotein p53; Epitope mapping (Vojtěšek, B. (151) 237)

Bovine ephemeral fever virus; ELISA, blocking (Zakrzewski, H. (151) 289)

Ultrafiltration; Culture supernatant (Saha, K. (151) 307)

Horseradish peroxidase; ELISA; Human follicle stimulating hormone; Human chorionic gonadotropin (Madersbacher, S. (152) 9)

Baculovirus expression; Immunization; Lymphocyte cell surface antigen; Polymerase chain reaction (De Boer, M. (152) 15)

Intracellular; Immunofluorescence; HIV; Flow cytometry; p24 antigen (Heynen, C.A. (152) 25)

Biotinylation; ELISA; Immunoabsorption; Western blot (Schuh, R. (152) 59)

B cell clone; Mini-electrofusion (Steenbakkers, P.G.A. (152) 69)

C5a des Arg; Complement activation; ELISA (Bergh, K. (152) 79)

Salmonella enteritidis; Environmental samples; ELISA (Brigmon, R.L. (152) 135)

Polystyrene latex particle; Adsorption; Low pH treatment (Van Erp, R. (152) 191)

Granule membrane protein-140; Enzyme immunoassay; Plasma; CD62; P-Selectin (Katayama, M. (153) 41)

Hybridoma technique; Human respiratory virus; *Helicobacter pylori* (Coyle, P.V. (153) 81)

Interleukin-2 receptor; (Pig) (Bailey, M. (153) 85)

IgA; Parasite; *Eimeria tenella* (Hoare, J.A. (153) 161)

Complement; Complement receptor (Henwick, S. (153) 173)

Colloidal gold agglutination; Hemoglobin; Fecal blood (Nagata, M. (153) 185)

Nylon wool; Isolation of subpopulation (Kokkinopoulos, D. (154) 1)

Serum-free medium; Human hybridoma; Scale up (Lang, A.B. (154) 21)

Cell fixation; Immunoreactive fraction; Cytoplasmic antigen (Haisma, H.J. (154) 55)

HIV-1; gp120; Repertoire cloning; Anti-idiotypic (Kasai, Y. (155) 77)

Protein purification; ELISA; Quantitation (Brooks, D.A. (155) 129)

Carbohydrate heterogeneity; Lectin (Coco-Martin, J.M. (155) 241)

Monoclonal antibody, fluorescent

Binding constant; Binding site; Cell surface antigen; Flow cytometry; Gene dosage; Gene expression; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Monoclonal antibody HEA125

Cell separation; Colorectal tumor cell; Tumor infiltrating leukocyte; Epithelium specific; Immunomagnetic bead (Kemmer, W. (147) 197)

Monoclonal antibody, labeled

Antibody association constant; Graphical fitting method; Immunoreactive fraction; Immunological binding parameter; Iterative nonlinear least squares fitting method; Law of mass action; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

Monoclonal antibody, mouse anti-HLA

ELISA, micro-; Fluorescein-di- β -D-galactopyranoside; Astroskan 2100 automated plate reader; Cell line (Sadler, A.M. (149) 11)

Monoclonal antibody, murine

Protein A leakage; Chromatography, affinity; Antibody, chicken; ELISA (Godfrey, M.A.J. (149) 21)

Cryptococcus neoformans; Immunoglobulin, mouse; ELISA; Polysaccharide, cryptococcal (Casadevall, A. (154) 27)

Monoclonal antibody preparation

Chromatography, high performance liquid; Loss of antibody activity; Autoantigen blockage; Restoring antibody activity (Ma, J. (155) 121)

Monocyte

Leukocyte cellular adhesion molecule; CD11a/CD18; Flow cytometry; Polymorph; Lymphocyte (Hamblin, A. (146) 219)

Tumor necrosis factor; Interleukin; U937 cell line; Phagocytosis (Jiang, W.G. (152) 201)

Defined medium; Monokine; Differentiation; Surface antigen (Bennett, S. (153) 201)

Two color immunofluorescence flow cytometry; Cytokine (De Caestecker, M.P. (154) 11)

Monocyte, human

Colorimetric microtiter assay; Cytotoxin; Cell adherence; Methylene blue (Keisari, Y. (146) 155)

Interleukin-6; Radioimmunoassay (Peppard, J.V. (148) 23)

Monokine

Defined medium; Monocyte; Differentiation; Surface antigen (Bennett, S. (153) 201)

Mononuclear cell

Pregnancy; Immunology; Placenta; Cell culture (Rasheed, F.N. (146) 185)

Mouse complement

Mus hortulanus; Tumor cell lysis (Ong, G.L. (154) 37)

Mucin

Periodate; Carbohydrate; Epitope; Immunoperoxidase (Bara, J. (149) 105)

Multicolor flow cytometry

Apoptosis; Thymocyte (Hardin, J.A. (154) 99)

Multiparameter flow cytometry

PKH-2; Cell tracking dye (Festin, R. (154) 47)

Multiple antigenic peptide

Helper T cell epitope; Fragment condensation; Coupling; Vaccine (McLean, G.W. (155) 113)

Mus hortulanus

Mouse complement; Tumor cell lysis (Ong, G.L. (154) 37)

Myasthenia gravis

Immunomagnetic particle; T cell stimulation; Human acetylcholine receptor (AChR); Antigen presentation; Autoreactive human T cell (Hawke, S. (155) 41)

Mycoplasma

Elongation factor Tu; Monoclonal antibody; Species differentiation of mycoplasmas (Kamla, V. (147) 73)

Cell line; Leukemia; Detection (Uphoff, C.C. (149) 43)

Cell line; Leukemia; Elimination (Uphoff, C.C. (149) 55)

Proliferation; Splenocyte; Inhibition; Stimulation (Alzani, R. (152) 35)

c-MYC protein

Lymphocyte; Western blot (Spiller, D.G. (149) 29)

Myeloma cell, mouse

Proliferation; Soluble chimeric CD4-H γ 1 receptor (Schlaeger, E.-J. (146) 111)

Myelomonocytic

Liquid phase isoelectric focusing; Rotofor cell; Interleukin-1; Inhibitor; (Human) (Peritt, D. (155) 159)

Interleukin-1; Immunosuppressive; Inhibition (Peritt, D. (155) 167)

N**NADPH oxidase**

Neutrophil; Phagocyte; Hydrogen peroxide; Superoxide (Anderson, R. (155) 49)

Chemiluminescence; Chronic granulomatous disease (Porter, C.D. (155) 151)

Nasal mucosa

Cytokine; Late phase allergic reaction; Filter strip (Alam, R. (155) 25)

Natural antibody

Cytotoxicity assay; Complement; Glycosphingolipid; (Rabbit) (Yong Park, S. (154) 109)

Natural killer cell

Cellular cytotoxicity assay; Colorimetric; Melanoma; Tetrazolium; XTT (Jost, L.M. (147) 153)

Effector-target interaction; Conjugate frequency; Saturability; Affinity (Garcia-Peñarrubia, P. (155) 133)

Natural killer cell assay

Cytotoxicity assay; Calculation of lytic units (Bryant, J. (146) 91)

Neonatal cord blood

Enhanced chemiluminescence detection system; Immunoblot; IgM, low molecular weight; Healthy adult serum (Xu, H.J. (146) 241)

Nephelometry

Egg-yolk antibody; IgY; Immunized hen; Antibody purification; Affinity chromatography; Transferrin (Ntakirutimana, V. (153) 133)

Neuroblastoma

Oncogene; Flow cytometry; Immunolocalization (Gazitt, Y. (148) 159)

Oncogene; MDR-1; Bone marrow metastasis (Gazitt, Y. (148) 171)

Neuroblastoma, anti-human

Isotype variant; ELISA (D'Uscio, C. (146) 63)

Neuron-specific enolase, human

Monoclonal antibody; Synthetic peptide; ELISA, double-antibody sandwich; Small-cell carcinoma of the lung (Duncan, M.E. (151) 227)

Neutrophil

Fc α R; Hemodialysis (Mazengera, R.L. (146) 121)

Antigen expression; Flow cytometry; Preparative procedures (Macey, M.G. (149) 37)

Flow cytometry; Formyl-methionine-leucine-phenylalanine receptor (Allen, C.A. (149) 159)

Phagocyte; Hydrogen peroxide; Superoxide; NADPH oxidase (Anderson, R. (155) 49)

p-Nitrophenol

ELISA; Linear sweep voltammetry; Alkaline phosphatase (Tie, F. (149) 115)

p-Nitrophenyl phosphate

ELISA, competitive; 2,4-Dinitrophenol; Anti-2,4-dinitrophenol; Alkaline phosphatase; 3,6-Fluorescein diphosphate (Huang, Z. (149) 261)

¹³C-NMR

Allotype; Immunoglobulin (Kim, H.H. (153) 223)

Non-A, non-B hepatitis

ELISA; Hepatitis C virus; Post-transfusion hepatitis; Viral core protein (Yoshikawa, A. (148) 143)

Non-isotopic

Hybridization; Enzyme; Polymerase chain reaction; Oligonucleotide (Chikhaoui, Y. (150) 51)

Non-isotopic detection

Quantitative Western blot analysis; Time-resolved fluorometry; Europium chelate (Diamandis, E.P. (147) 251)

Non-linear regression

Binding constant; Binding site; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Lectin; Parameter estimation (Bardsley, W.G. (153) 235)

Non-radioactive probe

Molecular hybridization (Guesdon, J.-L. (150) 33)

Non-radioisotopic immunoassay

Metal carbonyl tracer; Cymantrene; Fourier transform infrared spectroscopy; Phenobarbital (Salmain, M. (148) 65)

Non-specific signal

Antigen-antibody; Biotin-avidin; Fluorogenic luminescent substrate; Enzyme cascade (Avrameas, S. (150) 23)

Noradrenalin

Catecholamine; Adrenalin; Immunoassay (Murphy, J.F. (154) 89)

Novel field assay

Enzyme immunoassay; Snake venom identification (Cox, J.C. (146) 213)

Nuclear phosphoprotein p53

Immunochemical analysis; Monoclonal antibody; Epitope mapping (Vojtěšek, B. (151) 237)

Number of effective binding sites on the target antigen

Antibody association constant; Graphical fitting method; Immunoreactive fraction; Immunological binding parameter; Iterative nonlinear least squares fitting method; Monoclonal antibody, labeled; Law of mass action (Fjeld, J.G. (151) 97)

Nylon wool

Monoclonal antibody; Isolation of subpopulation (Kokkinopoulos, D. (154) 1)

Nylon wool column

Isolation procedure; Magnetic bead; Sephadex G-10; Dendritic cell; Antigen presentation; T cell (Havenith, C.E.G. (153) 73)

O**Octyl- β -D-glucopyranoside**

ELISA; Human blood group A; Detergent extracts; Freeze-thaw effects (Chapman, V. (149) 147)

Oligonucleotide

Hybridization; Enzyme; Polymerase chain reaction; Non-isotopic (Chikhaoui, Y. (150) 51)

Oligonucleotide histochemistry

Immunohistochemistry; In situ hybridization; In situ nick translation (Nakane, P.K. (150) 151)

Oligosaccharide epitope

Streptococcus agalactiae; Group B streptococci; Affinity purification; Trirhamnose, ELISA (Chalifour, R.J. (154) 69)

Oncogene

Neuroblastoma; Flow cytometry; Immunolocalization (Gazitt, Y. (148) 159)

MDR-1; Neuroblastoma; Bone marrow metastasis (Gazitt, Y. (148) 171)

Oncology

Tumor marker; Tumor antigen; Hormone receptor; Immunanalysis (Magdelénat, H. (150) 133)

One-step sandwich immunoassay

Antibody; Capture antibody; Labeled antibody; Capacity; 'Hook' effect (Fernando, S.A. (151) 47)

Organic anion transport

Electroporation; Lucifer Yellow; Lymphocyte; Probenecid (Dinchuk, J.E. (155) 257)

Oscillating bubble dialysis chamber

Simple roller; High cell density; In vitro production of MAbs (Pannell, R. (146) 43)

Ovalbumin

Class I major histocompatibility complex antigen; Cationic liposome; Polylysine; Phorbol ester (Nair, S. (152) 237)

P

p24 antigen

Intracellular; Immunofluorescence; Monoclonal antibody; HIV; Flow cytometry (Heynen, C.A. (152) 25)

Parameter estimation

Binding constant; Binding site; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Lectin; Non-linear regression (Bardsley, W.G. (153) 235)

Parasite

IgA; Monoclonal antibody; *Eimeria tenella* (Hoare, J.A. (153) 161)

Parathymosin

ELISA; Thymic polypeptide (Economou, M. (148) 87)

Parathyroid hormone-related protein

Monoclonal antibody; Two-site immunoradiometric assay; Western blot (Ratcliffe, W.A. (146) 33)

Partitioning

Monoclonal antibody; Two-phase system; Thiophilic adsorption; Cell culture medium (Sulk, B. (149) 165)

Penicillinase

Enzyme immunosorbent assay; Prolactin, mouse (Tomita, Y. (151) 269)

Pepsin

Anti-collagen antibody; ELISA; Proteoglycan; Rheumatoid arthritis (Williams, R.O. (147) 93)

Peptide

Biospecific interaction analysis (BIAcore); Antibody-antigen interaction; Polyclonal serum; HIV-1; gp160; Affinity (Van-Cott, T.C. (146) 163)

Anti-peptide antibody; Peptide-mannan conjugate; Specific antibody; ELISA (Okawa, Y. (149) 127)

Peptide antibody

HLA class II molecule; In vitro immunization; ELISA; Immunoblotting; FACS analysis (Petersen, J.S. (151) 15)

Peptide antigen

Cell-mediated cytotoxicity; Colorimetric assay; Kinetics; Major histocompatibility complex antigen; Maternally transmitted antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

Peptide-based ELISA

Streptavidin-biotin interaction; Biotinylated peptide; HIV-1/2; AIDS (Ivanov, V.S. (153) 229)

Peptide binding

Major histocompatibility complex class II chain; Chromatography, high performance electrophoresis; Preparative electroelution (Passmore, D. (155) 193)

Peptide hormone

Immunosorption; Gastrin Biosynthesis; Precursor; Radioimmunoassay (Rehfeld, J.F. (153) 7)

Peptide-mannan conjugate

Anti-peptide antibody; Peptide; Specific antibody; ELISA (Okawa, Y. (149) 127)

Periodate

Carbohydrate; Mucin; Epitope; Immunoperoxidase (Bara, J. (149) 105)

Peripheral blood lymphocyte separation

Platelet removal using ADP aggregation (Castell, L.M. (146) 49)

Peroxidase-linked enzyme immunoassay

Tumor necrosis factor α ; ELISA (Lamb, W.R. (155) 215)

Peroxisomal biogenesis

Catalase; Monoclonal antibody; Peroxisome (Wiemer, E.A.C. (151) 165)

Peroxisome

Catalase; Monoclonal antibody; Peroxisomal biogenesis (Wiemer, E.A.C. (151) 165)

Phagocyte

Neutrophil; Hydrogen peroxide; Superoxide; NADPH oxidase (Anderson, R. (155) 49)

Phagocytosis

Fc γ receptor; Monoclonal antibody; Biotin; Streptavidin (Edberg, J.C. (148) 179)

Macrophage; Erythrocyte; Antibody-dependent cell-mediated cytotoxicity; 2,7-Diaminofluorene (Gebran, S.J. (151) 255)

Tumor necrosis factor; Monocyte; Interleukin; U937 cell line (Jiang, W.G. (152) 201)

Phagocytosis (quantitative study of)

Yeast; α -Mannan; Cytochalasin B; Chloroquine (Giannis, J. (154) 185)

Phenobarbital

Non-radioisotopic immunoassay; Metal carbonyl tracer; Cyanantrene; Fourier transform infrared spectroscopy (Salmann, M. (148) 65)

Phenotype

Lymphocyte; Polarization; Locomotion (Newman, I. (147) 43)

***p*-Phenylenediamine**

Apoptosis; Tumor necrosis factor (Salcedo, T.W. (148) 209)

Phorbol ester

Class I major histocompatibility complex antigen; Ovalbumin; Cationic liposome; Polylysine (Nair, S. (152) 237)

Photobleaching

Antibody affinity; Binding constant; Screening; Diffusion; Antigen expression (Kaufman, E.N. (155) 1)

PKH-2

Multiparameter flow cytometry; Cell tracking dye (Festin, R. (154) 47)

Placenta

Pregnancy; Immunology; Mononuclear cell; Cell culture (Rasheed, F.N. (146) 185)

Planning and evaluation

Computer program; Microplate; Immunomodulation test (Siman, P. (146) 1)

Plant tubulin

Yolk IgG; Yolk antibody; (Chicken) (McCune, C. (155) 267)

Plasma

Type IV collagenase; Gelatinase; ELISA; Pregnancy (Zucker, S. (148) 189)

Granule membrane protein-140; Monoclonal antibody; Enzyme immunoassay; CD62; P-Selectin (Katayama, M. (153) 41)

Enzyme immunoassay; False-positive reaction; Interferon- γ ; Tuberculosis; (Bovine) (Jones, S.L. (155) 233)

Plasma, human

Monoclonal antibody; Second antibody; Immunoglobulin κ chain; Plasma, rabbit; Affinity; Immunoassay (Reed, G.L. (147) 111)

Plasma, rabbit

Monoclonal antibody; Second antibody; Immunoglobulin κ chain; Plasma, human; Affinity; Immunoassay (Reed, G.L. (147) 111)

Plasmodium falciparum

Glutamate-rich protein; ELISA capture; IgM; IgG; Recombinant fusion protein (Dziegiel, M. (155) 207)

Plated anti-immunoglobulin

Cyclic adenosine 3',5'-monophosphate; ELISA; ELISA, competitive (Linden, J. (151) 209)

Platelet

Transforming growth factor β ; Bioassay (Merino, J. (153) 151)

Platelet-activating factor

Quantitation of platelet-activating factor; Platelet-activating factor in blood (Cooney, S.J. (151) 131)

Platelet-activating factor in blood

Platelet-activating factor; Quantitation of platelet-activating factor (Cooney, S.J. (151) 131)

Platelet removal using ADP aggregation

Peripheral blood lymphocyte separation (Castell, L.M. (146) 49)

***Pneumocystis carinii* pneumonitis**

Complement activation; Bronchoalveolar lavage fluid; Bronchial asthma; Sarcoidosis; Complement C3, C3a (Van de Graaf, E.A. (147) 241)

Polarization

Lymphocyte; Locomotion; Phenotype (Newman, I. (147) 43)

Poly

Solid phase; ELISA; Capture antibody; Adsorption; Denaturation (Butler, J.E. (150) 77)

Polyclonal antibody population

Affinity; ELISA (Bruderer, U. (151) 157)

Polyclonal serum

Biospecific interaction analysis (BIAcore); Antibody-antigen interaction; HIV-1; gp160; Peptide; Affinity (VanCott, T.C. (146) 163)

Poly-L-lysine

Haemophilus influenzae type b; ELISA; Polyribosylribitol phosphate; Monoclonal antibody (Herrmann, D.J. (148) 101)

Lipopolysaccharide; ELISA; Polymyxin B (Takahashi, K. (153) 67)

Polylysine

Class I major histocompatibility complex antigen; Ovalbumin; Cationic liposome; Phorbol ester (Nair, S. (152) 237)

Polymerase chain reaction

DNA enzyme immunoassay; T cell receptor (Bettinardi, A. (146) 71)

Immunoglobulin; Gene; cDNA; Specificity repertoires; Allergy (Walker, M.R. (149) 77)

Cytokine; Interleukin-3 receptor, murine (Fung, M.-C. (149) 97)

Hybridization; Enzyme; Oligonucleotide; Non-isotopic (Chikhaoui, Y. (150) 51)

Cytokine; Gene; Quantitation (Carding, S.R. (151) 277)

Baculovirus expression; Immunization; Monoclonal antibody; Lymphocyte cell surface antigen (De Boer, M. (152) 15)

Expression vector; Chimeric antibody; Immunoglobulin expression (Coloma, M.J. (152) 89)

HLA-DR typing; Reverse dot-blot hybridization; Sequence-specific oligonucleotide (Abe, A. (154) 205)

Polymorph

Leukocyte cellular adhesion molecule; CD11a/CD18; Flow cytometry; Lymphocyte; Monocyte (Hamblin, A. (146) 219)

Polymorphonuclear leukocyte

Chemotaxis; Boyden chamber; Separation method; Adhesion; Whole blood (Rice, J.E. (149) 121)

Microchemotaxis chamber; Densitometer; Quantification (Misso, N.L.A. (149) 183)

Polymyxin B

Lipopolysaccharide; ELISA; Poly-L-lysine (Takahashi, K. (153) 67)

Polyribosylribitol phosphate

Haemophilus influenzae type b; ELISA; Poly-L-lysine; Monoclonal antibody (Herrmann, D.J. (148) 101)

Polysaccharide

Hemolytic plaque-forming cell assay; Tetanus toxoid; Diphtheria toxoid; IgG; Affinity; Avidity (Barrington, T. (146) 129)

Polysaccharide, cryptococcal

Cryptococcus neoformans; Monoclonal antibody, mouse; Immunoglobulin, mouse; ELISA (Casadevall, A. (154) 27)

Polyspecific

B cell; Cross-reactivity; ELISPOT; (Chamber); (Antigen) (Klinman, D.M. (152) 217)

Polystyrene latex particle

Monoclonal antibody; Adsorption; Low pH treatment (Van Erp, R. (152) 191)

Polyvinyl chloride

Immunoassay; Ligand adsorption; Kinetics of adsorption (Zalazar, F.E. (152) 1)

Post-transfusion hepatitis

ELISA; Hepatitis C virus; Non-A, non-B hepatitis; Viral core protein (Yoshikawa, A. (148) 143)

Precision

ELISA quality control; Antibody capture ELISA; *Dichelobacter nodosus* (Whittington, R.J. (148) 57)

Precision profile

Immunoassay; Statistics; Replicate (Delaage, M. (150) 103)

Precursor

Immunosorption; Peptide hormone; Gastrin Biosynthesis; Radioimmunoassay (Rehfeld, J.F. (153) 7)

Pregnancy

Immunology; Placenta; Mononuclear cell; Cell culture (Rasheed, F.N. (146) 185)

Type IV collagenase; Gelatinase; ELISA; Plasma (Zucker, S. (148) 189)

Prelabeling

Long term cytotoxic assay; Methionine, [³⁵S]-; ⁵¹Chromium (Katz, A. (149) 255)

Preparative electroelution

Major histocompatibility complex class II chain; Chromatography, high performance electrophoresis; Peptide binding (Passmore, D. (155) 193)

Preparative procedures

Neutrophil; Antigen expression; Flow cytometry (Macey, M.G. (149) 37)

Primary antibody deficiency

ELISA; Specific IgG; Cell wall mannan; *Candida albicans* (Faux, J.A. (153) 167)

Primed and unprimed T cells

Limiting dilution analysis; T helper cell; Alloreactivity (Deacock, S. (147) 83)

Probe-based assay

Acoustic microstreaming; Diffusion; Insonation; ELISA; Incubation; Automation (Boraker, D.K. (155) 91)

Probenecid

Electroporation; Lucifer Yellow; Lymphocyte; Organic anion transport (Dinchuk, J.E. (155) 257)

Prolactin, mouse

Enzyme immunosorbent assay; Penicillinase (Tomita, Y. (151) 269)

Proliferating lymphocyte subset

5-Bromo-2-deoxyuridine; Flow cytometry (Carayon, P. (147) 225)

Proliferation

Myeloma cell, mouse; Soluble chimeric CD4-H γ 1 receptor (Schlaeger, E.-J. (146) 111)

ELISA; CELISA; cell-ELISA; Cell surface; spot-ELISA; ELISPOT; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

B lymphocyte; Stimulation; Flow cytometry (Storek, J. (151) 261)

Mycoplasma; Splenocyte; Inhibition; Stimulation (Alzani, R. (152) 35)

Proliferation assay

LAK cell; DNA staining; Fluorochrome; Propidium iodide; 4,6-Diamidine-2-phenylindol-dihydrochloride; Acridine orange; Hoechst H333342 (Vollenweider, I. (149) 133)

Propidium iodide

Proliferation assay; LAK cell; DNA staining; Fluorochrome; 4,6-Diamidine-2-phenylindol-dihydrochloride; Acridine orange; Hoechst H333342 (Vollenweider, I. (149) 133)

Prostaglandin

Time-resolved fluoroimmunoassay; Europium; Biotin-avidin (Lüke, F.J. (148) 217)

Protein adsorption to plastic

ELISA; Antibody specificity; Protein denaturation; Cytochrome *c* (Schwab, C. (147) 125)

Protein A leakage

Chromatography, affinity; Monoclonal antibody, murine; Antibody, chicken; ELISA (Godfrey, M.A.J. (149) 21)

Proteinase inhibitor

Cystatin superfamily; Kininogen; Anti-peptide antibody (Lalmanach, G. (149) 197)

Protein denaturation

ELISA; Antibody specificity; Protein adsorption to plastic; Cytochrome *c* (Schwab, C. (147) 125)

Protein kinase C

Electroporation; Cytolytic T lymphocyte; Calcium (Langlet, C. (151) 107)

Protein purification

Monoclonal antibody; ELISA; Quantitation (Brooks, D.A. (155) 129)

Proteoglycan

Anti-collagen antibody; ELISA; Pepsin; Rheumatoid arthritis (Williams, R.O. (147) 93)

Proteolytic degradation

IgG; IgG-polyethylene glycol conjugate; Enzyme (Cunningham-Rundles, C. (152) 177)

Pulmonary inflammation

Tumor necrosis factor, guinea pig; Antibody cross-reactivity (Ruppel-Kerr, R. (154) 179)

Purification

Basophilic granulocyte, human; Immunomagnetic bead (Mul, F.P.J. (149) 207)

Q

Quality control test

Lymphocyte number; Immunophenotyping; CD4 T lymphocyte; CD8 T lymphocyte; Automatic device (Aboulker, J.P. (154) 155)

Quantification

Microchemotaxis chamber; Densitometer; Polymorphonuclear leukocyte (Misso, N.L.A. (149) 183)

Quantitation

Polymerase chain reaction; Cytokine; Gene (Carding, S.R. (151) 277)

Monoclonal antibody; Protein purification; ELISA (Brooks, D.A. (155) 129)

Quantitation of platelet-activating factor

Platelet-activating factor; Platelet-activating factor in blood (Cooney, S.J. (151) 131)

Quantitative Western blot analysis

Time-resolved fluorometry; Europium chelate; Non-isotopic detection (Diamandis, E.P. (147) 251)

R

Radioallergosorbent test

IgE antibody; Benzyl penicilloyl hapten-poly-L-lysine conjugate; Benzyl penicilloyl hapten-human serum albumin conjugate (Blanca, M. (153) 99)

Radioimmunoassay

Interleukin-6; Monocyte, human (Peppard, J.V. (148) 23)

ELISA; Monoclonal antibody; Interleukin-1 β ; Interleukin-1 receptor antagonist (Dinarelo, C.A. (148) 255)

Interleukin-8; ELISA; Monoclonal antibody (Ko, Y.-c. (149) 227)

ELISA; Atrial natriuretic factor; Analogue (Ingwersen, S.H. (149) 237)

Histamine; Single isotope enzymatic assay; Automated spectrofluorometer; Bronchoalveolar lavage fluid; (Lung) (Erger, R.A. (152) 115)

Immunosorption; Peptide hormone; Gastrin Biosynthesis; Precursor (Rehfeld, J.F. (153) 7)

Autoimmune thyroid disease; Insulin; Autoantibody (Hege- wald, M.J. (154) 61)

Radiolabel

Lipopolysaccharide; Lipid A; Endotoxin (Munford, R.S. (148) 115)

Random sequence

Epitope; Mimotope; Expression library (Lenstra, J.A. (152) 149)

Rapidly progressive glomerulonephritis

Anti-neutrophil cytoplasm antibody; Wegener's granulomatosis; Microscopic polyarteritis; Anti-myeloperoxidase antibody (Chevailler, A. (147) 101)

Recombinant antigen

Anti-Ro/SS-A; Anti-La/SS-B; ELISA; Autoantigen; Autoantibody (Veldhoven, C.H.A. (151) 177)

Recombinant fusion protein

Plasmodium falciparum; Glutamate-rich protein; ELISA capture; IgM; IgG (Dziegiel, M. (155) 207)

Recovery

Blood collection; Anticoagulant; Spiked recombinant cytokine; Immunoassay; Stability (Thavasu, P.W. (153) 115)

Repertoire cloning

HIV-1; gp120; Monoclonal antibody; Anti-idiotypic (Kasai, Y. (155) 77)

Replicate

Immunoassay; Precision profile; Statistics (Delaage, M. (150) 103)

Reporter molecule

Chimeric protein A/protein G; Chimeric protein G/alkaline phosphatase; pGEX (Sun, S. (152) 43)

Resampling technique

Immunoassay; Response/error relationship; Imprecision profile (Chiecchio, A. (147) 211)

Responder

Statistical method; Data analysis; Lymphoproliferation assay (Bennett, S. (146) 229)

Response / error relationship

Immunoassay; Imprecision profile; Resampling technique (Chiecchio, A. (147) 211)

Restoring antibody activity

Chromatography, high performance liquid; Monoclonal antibody preparation; Loss of antibody activity; Autoantigen blockage (Ma, J. (155) 121)

Reverse dot-blot hybridization

HLA-DR typing; Sequence-specific oligonucleotide; Polymerase chain reaction (Abe, A. (154) 205)

Rheumatoid arthritis

Anti-collagen antibody; ELISA; Proteoglycan; Pepsin (Williams, R.O. (147) 93)

Rheumatoid factor immunoblot assay

IgG rheumatoid factor; (Human) (Newkirk, M.M. (148) 93)

Ribi adjuvant

Freund's adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Immune response; Antibody affinity; Adjuvant side effects; Granuloma; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

Ribosome-inactivating protein

Toxin; Immunotoxin (Strocchi, P. (155) 57)

Ricin

Liposome immune lysis assay; Gelonin; Ricin A chain; Calcein (Paul, A. (148) 151)

Ricin A chain

Liposome immune lysis assay; Gelonin; Ricin; Calcein (Paul, A. (148) 151)

Rosetting anti-globulin test

Blood genital tract barrier; Anti- α -galactosyl; Seminal fluid; Transudation of antibodies (Galili, U. (151) 117)

Rotofor cell

Liquid phase isoelectric focusing; Interleukin-1; Inhibitor; Myelomonocytic; (Human) (Peritt, D. (155) 159)

S

Saliva, human

Microsphere; Blood group antigen; Agglutination; Blood typing; Capillary tube (Yazawa, S. (147) 21)

Salmonella enteritidis

Monoclonal antibody; Environmental samples; ELISA (Brigmon, R.L. (152) 135)

Sandwich immunoassay

Testosterone dimer; Testosterone; Testosterone-3-(*O*-carboxymethyl)oxime (Ali, E. (147) 173)

Testosterone dimer; Heterology; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethylmercapto) testosterone; Testosterone-17-hemisuccinate; Cross-reactivity; 5 α -Dihydrotestosterone (Sengupta, J. (147) 181)

Sarcoidosis

Complement activation; Bronchoalveolar lavage fluid; Bronchial asthma; *Pneumocystis carinii* pneumonitis; Complement C3, C3a (Van de Graaf, E.A. (147) 241)

Saturability

Effector-target interaction; Conjugate frequency; Affinity; Natural killer cell (Garcia-Peñarrubia, P. (155) 133)

Scale up

Serum-free medium; Human hybridoma; Monoclonal antibody (Lang, A.B. (154) 21)

Schistosoma

Magnetic bead; Microsphere; Antigen detection; ELISA; Circulating anodic antigen; Tropical medicine; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Screening

Antibody affinity; Binding constant; Photobleaching; Diffusion; Antigen expression (Kaufman, E.N. (155) 1)

Second antibody

Monoclonal antibody; Immunoglobulin κ chain; Plasma, human; Plasma, rabbit; Affinity; Immunoassay (Reed, G.L. (147) 111)

P-Selectin

Granule membrane protein-140; Monoclonal antibody; Enzyme immunoassay; Plasma; CD62 (Katayama, M. (153) 41)

Selection method

Cell line; Hybridoma, human (Hundhausen, T. (153) 21)

Seminal fluid

Blood genital tract barrier; Anti- α -galactosyl; Transudation of antibodies; Rosetting anti-globulin test (Galili, U. (151) 117)

Sensitivity

Enzyme immunoassay; IgM antibody, rabbit; Complement (Kuhn, H.-M. (155) 201)

Separation method

Polymorphonuclear leukocyte; Chemotaxis; Boyden chamber; Adhesion; Whole blood (Rice, J.E. (149) 121)

Sephadex G-10

Isolation procedure; Nylon wool column; Magnetic bead; Dendritic cell; Antigen presentation; T cell (Havenith, C.E.G. (153) 73)

Sequence-specific oligonucleotide

HLA-DR typing; Reverse dot-blot hybridization; Polymerase chain reaction (Abe, A. (154) 205)

Serodiagnosis

Branched peptide; AIDS; ELISA (Marsden, H.S. (147) 65)

Seroprevalence

HIV-1; Western blot; Dried blood spot (Granade, T.C. (154) 225)

Serum assay

DNase I; Inhibitor; Enzyme assay; Immunoassay; Endogenous DNase (Gibson, U.E.M. (155) 249)

Serum-free medium

Lymphocyte proliferation; Mitogen; Mixed lymphocyte culture; Antigen specific (Kaldjian, E.P. (147) 189)

Human hybridoma; Monoclonal antibody; Scale up (Lang, A.B. (154) 21)

Simian immunodeficiency virus glycoprotein

ELISA; HIV; *Galanthus nivalis* lectin (Mahmood, N. (151) 9)

Simple roller

Oscillating bubble dialysis chamber; High cell density; In vitro production of MAbs (Pannell, R. (146) 43)

Simultaneous synthesis

Conjugation method; Synthetic peptide; Antipeptide antibody (Maeji, N.J. (146) 83)

Single isotope enzymatic assay

Histamine; Radioimmunoassay; Automated spectrofluorometer; Bronchoalveolar lavage fluid; (Lung) (Erger, R.A. (152) 115)

Small-cell carcinoma of the lung

Neuron-specific enolase, human; Monoclonal antibody; Synthetic peptide; ELISA, double-antibody sandwich (Duncan, M.E. (151) 227)

Snake venom identification

Novel field assay; Enzyme immunoassay (Cox, J.C. (146) 213)

Solid phase

ELISA; Capture antibody; Adsorption; Denaturation; Poly (Butler, J.E. (150) 77)

Solid-phase binding test

Interferon- γ , human; Interferon- γ receptor; Soluble receptor; Interferon- γ antagonist (Ozmen, L. (147) 261)

Soluble CD14

ELISA; Biological fluid (Grunwald, U. (155) 225)

Soluble chimeric CD4-H γ 1 receptor

Myeloma cell, mouse; Proliferation (Schlaeger, E.-J. (146) 111)

Soluble receptor

Interferon- γ , human; Interferon- γ receptor; Solid-phase binding test; Interferon- γ antagonist (Ozmen, L. (147) 261)

Soluble suppressor molecule

CD8⁺ suppressor T cell clone; Major histocompatibility complex restriction; V β 8 family (Hu, F.-y. (152) 123)

Spacer

Hapten; Competitive inhibition; ELISA; Conjugate (Kachab, E.H. (147) 33)

Species differentiation of mycoplasmas

Mycoplasma; Elongation factor Tu; Monoclonal antibody (Kamla, V. (147) 73)

Specific antibody

Anti-peptide antibody; Peptide; Peptide-mannan conjugate; ELISA (Okawa, Y. (149) 127)

Specific IgG

ELISA; Cell wall mannan; *Candida albicans*; Primary antibody deficiency (Faux, J.A. (153) 167)

Specificity repertoires

Immunoglobulin; Gene; cDNA; Polymerase chain reaction; Allergy (Walker, M.R. (149) 77)

Spiked recombinant cytokine

Blood collection; Anticoagulant; Immunoassay; Stability; Recovery (Thavasu, P.W. (153) 115)

Spleen

Liposome; In vivo; Macrophage; Liver; Fluorescence; Marginal zone (Claassen, E. (147) 231)

B cell; Immunocytochemistry; Enzyme; In situ; (Antibody) (Claassen, E. (150) 207)

Spleen cell, mouse

Mast cell induction; Mast cell identification; Mitogen response of mast cells (Hu, Z.-Q. (149) 173)

Splenocyte

Mycoplasma; Proliferation; Inhibition; Stimulation (Alzani, R. (152) 35)

SSEA-1

Immunomagnetic; Cell separation; Dynabeads; Differentiation; Cell growth; Flow cytometry (Swann, I.D. (152) 245)

STa antibody immunoassay

STa enterotoxin; Avidin-biotin interaction; ELISA (Germani, Y. (146) 25)

Stability

Blood collection; Anticoagulant; Spiked recombinant cytokine; Immunoassay; Recovery (Thavasu, P.W. (153) 115)

STa enterotoxin

STa antibody immunoassay; Avidin-biotin interaction; ELISA (Germani, Y. (146) 25)

Staining method

Immunofluorescence analysis; Lymphocyte subsets (Pechhold, K. (147) 135)

Staphylococcal protein A

Streptococcal protein G; Agonistic antibody; B cell, human; CD43; CD40 (Jakobson, E. (152) 49)

Statistical method

Data analysis; Lymphoproliferation assay; Responder (Bennett, S. (146) 229)

Statistics

Immunoassay; Precision profile; Replicate (Delaage, M. (150) 103)

Stimulation

B lymphocyte; Proliferation; Flow cytometry (Storek, J. (151) 261)

Mycoplasma; Proliferation; Splenocyte; Inhibition (Alzani, R. (152) 35)

Streptavidin

Fc γ receptor; Phagocytosis; Monoclonal antibody; Biotin (Edberg, J.C. (148) 179)

Europium; Time-resolved fluorometry; Fluoroimmunoassay; Follicle stimulating hormone; Thyroid stimulating hormone; DELFIA (Suonpää, M. (149) 247)

Streptavidin-biotin interaction

Biotinylated peptide; Peptide-based ELISA; HIV-1/2; AIDS (Ivanov, V.S. (153) 229)

Streptococcal protein G

Staphylococcal protein A; Agonistic antibody; B cell, human; CD43; CD40 (Jakobson, E. (152) 49)

Streptococcus agalactiae

Group B streptococci; Affinity purification; Oligosaccharide epitope; Trirhamnose, ELISA (Chalifour, R.J. (154) 69)

Substrate-labeled fluorescence immunoassay

Enzyme immunoassay; Enzyme-multiplied immunoassay technique; Apoenzyme reactivation immunoassay; Cofactor-labeled; Inhibitor-labeled (Jenkins, S.H. (150) 91)

Superoxide

Neutrophil; Phagocyte; Hydrogen peroxide; NADPH oxidase (Anderson, R. (155) 49)

Surface antigen

Defined medium; Monocyte; Monokine; Differentiation (Bennett, S. (153) 201)

Surface effect

Enzyme immunoassay; Artifact; Limitation; Interference; Cross-reactivity; Homogeneous (Pesce, A.J. (150) 111)

Surface immunoglobulin

B cell malignancy; Dual fluorescence flow cytometry; Lymphocyte subsets (Reynolds, W.M. (151) 123)

Synthetic peptide

Conjugation method; Simultaneous synthesis; Antipeptide antibody (Maeji, N.J. (146) 83)

Neuron-specific enolase, human; Monoclonal antibody; ELISA, double-antibody sandwich; Small-cell carcinoma of the lung (Duncan, M.E. (151) 227)

Cytotoxic T lymphocyte; Influenza A virus; Immunization (Zhou, X. (153) 193)

Immune response; Cytotoxic T lymphocyte; Helper epitope; Malaria (Widmann, C. (155) 95)

Systemic lupus erythematosus

Immune complex; Conglutinin; Anti-collagen antibody (Holmskov, U. (148) 225)

Brain-reactive autoantibody; ELISA (Crimando, J. (149) 87)

T

Targeting

Monoclonal antibody; Alkaline phosphatase; Macrophage; Horseradish peroxidase; Coupling; Enzyme conjugate; (Mice) (Van Rooijen, N. (151) 149)

T cell

Autoimmune disease; Autoantigen; Autoantibody (Druet, P. (150) 177)

Isolation procedure; Nylon wool column; Magnetic bead; Sephadex G-10; Dendritic cell; Antigen presentation (Havenith, C.E.G. (153) 73)

 $\alpha\beta$ T cell

Hepatic lymphocyte; Intermediate TcR cell; Extrathymic T cell (Watanabe, H. (146) 145)

T cell activation

T cell antigen receptor; CD3; Transfection (Zumla, A. (149) 69)

T cell antigen receptor

CD3; Transfection; T cell activation (Zumla, A. (149) 69)

T cell receptor

DNA enzyme immunoassay; Polymerase chain reaction (Betinardi, A. (146) 71)

Autoimmune disease; (Antibody) (Basi, G.S. (155) 175)

T cell stimulation

Immunomagnetic particle; Human acetylcholine receptor (AChR); Antigen presentation; Autoreactive human T cell; Myasthenia gravis (Hawke, S. (155) 41)

T cell subset

Flow cytometry; Technical influence; Temperature of storage; Time (Ekong, T. (151) 217)

Technetium-99m-labeled macromolecule

Biological response modifiers; Tumor uptake enhancement (Thakur, M.L. (152) 209)

Technical influence

Flow cytometry; T cell subset; Temperature of storage; Time (Ekong, T. (151) 217)

Temperature of storage

Flow cytometry; T cell subset; Technical influence; Time (Ekong, T. (151) 217)

Testosterone

Direct enzyme immunoassay (Dhar, T.K. (147) 167)

Sandwich immunoassay; Testosterone dimer; Testosterone-3-(*O*-carboxymethyl)oxime (Ali, E. (147) 173)

Testosterone dimer

Sandwich immunoassay; Testosterone; Testosterone-3-(*O*-carboxymethyl)oxime (Ali, E. (147) 173)

Sandwich immunoassay; Heterology; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethylmercapto) testosterone; Testosterone-17-hemisuccinate; Cross-reactivity; 5 α -Dihydrotestosterone (Sengupta, J. (147) 181)

Testosterone-17-hemisuccinate

Sandwich immunoassay; Testosterone dimer; Heterology; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethylmercapto) testosterone; Cross-reactivity; 5 α -Dihydrotestosterone (Sengupta, J. (147) 181)

Testosterone-3-(*O*-carboxymethyl)oxime

Sandwich immunoassay; Testosterone dimer; Testosterone (Ali, E. (147) 173)

Sandwich immunoassay; Testosterone dimer; Heterology; 4-(Carboxymethylmercapto) testosterone; Testosterone-17-hemisuccinate; Cross-reactivity; 5 α -Dihydrotestosterone (Sengupta, J. (147) 181)

Tetanus toxoid

Hemolytic plaque-forming cell assay; Polysaccharide; Diphtheria toxoid; IgG; Affinity; Avidity (Barrington, T. (146) 129)

Tetrazolium

Cellular cytotoxicity assay; Colorimetric; Melanoma; Natural killer cell; XTT (Jost, L.M. (147) 153)

T helper cell

Limiting dilution analysis; Alloreactivity; Primed and unprimed T cells (Deacock, S. (147) 83)

T helper hybridoma

Antigen-specific B cell; Hapten-carrier model; In vitro immunization (Schilizzi, B.M. (153) 49)

Thiophilic adsorption

Monoclonal antibody; Partitioning; Two-phase system; Cell culture medium (Sulk, B. (149) 165)

Thymic polypeptide

Parathymosin; ELISA (Economou, M. (148) 87)

Thymocyte

Apoptosis; Multicolor flow cytometry (Hardin, J.A. (154) 99)

Thymocyte apoptosis

DNA fragmentation; Flow cytometry; Lymphocyte irradiation (Ojeda, F. (152) 171)

Thymosin β_4

Thymosin β_4 [1–11]; Thymosin β_4 [1–14]; Antibodies against thymosin β_4 , thymosin β_4 [1–11], or thymosin β_4 [1–14]; Thymosin β_9 ; ELISA (Livaniou, E. (148) 9)

Thymosin β_4 [1–11]

Thymosin β_4 ; Thymosin β_4 [1–14]; Antibodies against thymosin β_4 , thymosin β_4 [1–11], or thymosin β_4 [1–14]; Thymosin β_9 ; ELISA (Livaniou, E. (148) 9)

Thymosin β_4 [1–14]

Thymosin β_4 ; Thymosin β_4 [1–11]; Antibodies against thymosin β_4 , thymosin β_4 [1–11], or thymosin β_4 [1–14]; Thymosin β_9 ; ELISA (Livaniou, E. (148) 9)

Thymosin β_9

Thymosin β_4 ; Thymosin β_4 [1–11]; Thymosin β_4 [1–14]; Antibodies against thymosin β_4 , thymosin β_4 [1–11], or thymosin β_4 [1–14]; ELISA (Livaniou, E. (148) 9)

Thyroid stimulating hormone

Europium; Streptavidin; Time-resolved fluorometry; Fluoroimmunoassay; Follicle stimulating hormone; DELFIA (Suonpää, M. (149) 247)

Thyroid tissue

In situ hybridization; Interferon- γ ; Interleukin-6; Interleukin-1 (Rutenfranz, I. (148) 233)

Time

Flow cytometry; T cell subset; Technical influence; Temperature of storage (Ekong, T. (151) 217)

Time-resolved fluoroimmunoassay

Dissociation-enhanced lanthanide fluoroimmunoassay; Tumor necrosis factor α ; Interleukin-6; Cytokine (Ogata, A. (148) 15)

Europium; Prostaglandin; Biotin-avidin (Lüke, F.J. (148) 217)

Time-resolved fluorometry

Quantitative Western blot analysis; Europium chelate; Non-isotopic detection (Diamandis, E.P. (147) 251)

Europium; Streptavidin; Fluoroimmunoassay; Follicle stimulating hormone; Thyroid stimulating hormone; DELFIA (Suonpää, M. (149) 247)

TiterMax

Immunoadjuvant; Complete Freund's adjuvant; Antibody titer (Bennett, B. (153) 31)

Titration

Biosynthetic human growth hormone; Competitive; Cooperativity; Monoclonal antibody; Circular antigen-antibody complex (Fernando, S.A. (151) 27)

T lymphocyte

Calcium; Activation; Flow cytometry; (Human) (Alexander, R.B. (148) 131)

Toxin

Ribosome-inactivating protein; Immunotoxin (Strocchi, P. (155) 57)

Transfection

T cell antigen receptor; CD3; T cell activation (Zumla, A. (149) 69)

Cytotoxic T lymphocyte; Vaccinia virus; Antigen presentation; T7 RNA polymerase (Eisenlohr, L.C. (154) 131)

Transferrin

Egg-yolk antibody; IgY; Immunized hen; Antibody purification; Affinity chromatography; Nephelometry (Ntakarutimana, V. (153) 133)

Transforming growth factor β

Platelet; Bioassay (Merino, J. (153) 151)

Transmissible gastroenteritis coronavirus

Viral determinant detection; Fixative; Immunoperoxidase (Tô, L.-T. (154) 195)

Transudation of antibodies

Blood genital tract barrier; Anti- α -galactosyl; Seminal fluid; Rosetting anti-globulin test (Galili, U. (151) 117)

s-Triazine quantification

Dextran carrier; ELISA; Monoclonal antibody (Böcher, M. (151) 1)

Trirhamnose, ELISA

Streptococcus agalactiae; Group B streptococci; Affinity purification; Oligosaccharide epitope (Chalifour, R.J. (154) 69)

T7 RNA polymerase

Cytotoxic T lymphocyte; Transfection; Vaccinia virus; Antigen presentation (Eisenlohr, L.C. (154) 131)

Tropical disease

Immunodiagnostic kits; Diagnostics (Talwar, G.P. (150) 121)

Tropical medicine

Magnetic bead; Microsphere; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Tuberculosis

Enzyme immunoassay; False-positive reaction; Interferon- γ ; Plasma; (Bovine) (Jones, S.L. (155) 233)

Tumor antigen

Tumor marker; Hormone receptor; Immunoanalysis; Oncology (Magdelénat, H. (150) 133)

Monoclonal antibody; Baculovirus recombinant; Antibody-directed cellular cytotoxicity assay (Nesbit, M. (151) 201)

Tumor cell lysis

Mouse complement; *Mus hortulanus* (Ong, G.L. (154) 37)

Tumor infiltrating leukocyte

Cell separation; Colorectal tumor cell; Monoclonal antibody HEA125; Epithelium specific; Immunomagnetic bead (Kemmer, W. (147) 197)

Tumor infiltrating lymphocyte

Glioma; Limiting dilution analysis (Tzeng, J.-J. (146) 177)

Colorectal tumor; Cell sorting (Durrant, L.G. (147) 57)

Tumor necrosis factor; Tumor necrosis factor receptor; ELISA, tumor necrosis factor; Gene therapy; Lymphokine secretion (Hwu, P. (151) 139)

Tumor marker

Tumor antigen; Hormone receptor; Immunoanalysis; Oncology (Magdelénat, H. (150) 133)

Tumor necrosis factor

Apoptosis; *p*-Phenylenediamine (Salcedo, T.W. (148) 209)

Tumor necrosis factor receptor; ELISA, tumor necrosis factor; Tumor infiltrating lymphocyte; Gene therapy; Lymphokine secretion (Hwu, P. (151) 139)

Monocyte; Interleukin; U937 cell line; Phagocytosis (Jiang, W.G. (152) 201)

Tumor necrosis factor α

Dissociation-enhanced lanthanide fluoroimmunoassay; Time-resolved fluoroimmunoassay; Interleukin-6; Cytokine (Ogata, A. (148) 15)

Endotoxin; Lipopolysaccharide; Interleukin-1 α ; Interleukin-1 β ; Interleukin-6 (Riches, P. (153) 125)

Peroxidase-linked enzyme immunoassay; ELISA (Lamb, W.R. (155) 215)

Tumor necrosis factor, guinea pig

Antibody cross-reactivity; Pulmonary inflammation (Ruppel-Kerr, R. (154) 179)

Tumor necrosis factor receptor

Tumor necrosis factor; ELISA, tumor necrosis factor; Tumor infiltrating lymphocyte; Gene therapy; Lymphokine secretion (Hwu, P. (151) 139)

Tumor uptake enhancement

Technetium-99m-labeled macromolecule; Biological response modifiers (Thakur, M.L. (152) 209)

Two color immunofluorescence flow cytometry

Cytokine; Monocyte (De Caestecker, M.P. (154) 11)

Two-phase system

Monoclonal antibody; Partitioning; Thiophilic adsorption; Cell culture medium (Sulk, B. (149) 165)

Two-site immunoradiometric assay

Monoclonal antibody; Parathyroid hormone-related protein; Western blot (Ratcliffe, W.A. (146) 33)

Two-step sandwich immunoassay

Antibody; Analyte; Capture antibody; Labeled antibody; Epitope (Fernando, S.A. (151) 67)

Type IV collagenase

Gelatinase; ELISA; Plasma; Pregnancy (Zucker, S. (148) 189)

[L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine

Freund's adjuvant; Ribi adjuvant; Immune response; Antibody affinity; Adjuvant side effects; Granuloma; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

U**U937 cell line**

Tumor necrosis factor; Monocyte; Interleukin; Phagocytosis (Jiang, W.G. (152) 201)

UCHL1

Immunomagnetic; Microbeads; Dynabeads; CD45RO; Magnetic cell sorter (Manyonda, I.T. (149) 1)

Ultrafiltration

Culture supernatant; Monoclonal antibody (Saha, K. (151) 307)

V**Vaccination**

IgG subclass; HBsAg (Borzi, R.M. (146) 17)

Vaccine

Helper T cell epitope; Fragment condensation; Multiple antigenic peptide; Coupling (McLean, G.W. (155) 113)

Vaccinia virus

Cytotoxic T lymphocyte; Transfection; Antigen presentation; T7 RNA polymerase (Eisenlohr, L.C. (154) 131)

V β 8 family

CD8⁺ suppressor T cell clone; Major histocompatibility complex restriction; Soluble suppressor molecule (Hu, F.-y. (152) 123)

Viral core protein

ELISA; Hepatitis C virus; Non-A, non-B hepatitis; Post-transfusion hepatitis (Yoshikawa, A. (148) 143)

Viral determinant detection

Transmissible gastroenteritis coronavirus; Fixative; Immunoperoxidase (Tô, L.-T. (154) 195)

W**Washing**

Heterogeneous immunoassay; Microplate; Diffusion; Convection (Beumer, T. (154) 77)

Wegener's granulomatosis

Anti-neutrophil cytoplasm antibody; Microscopic polyarthritis; Rapidly progressive glomerulonephritis; Anti-myeloperoxidase antibody (Chevailler, A. (147) 101)

Western blot

Monoclonal antibody; Parathyroid hormone-related protein;
Two-site immunoradiometric assay (Ratcliffe, W.A. (146) 33)

c-MYC protein; Lymphocyte (Spiller, D.G. (149) 29)

ELISA; Amplification (Bobrow, M.N. (150) 145)

Escherichia coli antigen; Antibody elution; Chaotropic ion;
Cross-reaction (Hammerl, P. (151) 299)

Monoclonal antibody; Biotinylation; ELISA; Immunoabsorption (Schuh, R. (152) 59)

HIV-1; Dried blood spot; Seroprevalence (Granade, T.C. (154) 225)

Whole blood

Polymorphonuclear leukocyte; Chemotaxis; Boyden chamber;
Separation method; Adhesion (Rice, J.E. (149) 121)

X**X ray mutagenesis**

Lyt2⁻ mutant; Magnetic particle; Immunoselection (Iannelli, D. (154) 211)

XTT

Cellular cytotoxicity assay; Colorimetric; Melanoma; Natural killer cell; Tetrazolium (Jost, L.M. (147) 153)

Y**Yeast**

Phagocytosis (quantitative study of); α -Mannan; Cytochalasin B; Chloroquine (Giannis, J. (154) 185)

Yolk antibody

Yolk IgG; Plant tubulin; (Chicken) (McCune, C. (155) 267)

Yolk IgG

Yolk antibody; Plant tubulin; (Chicken) (McCune, C. (155) 267)