



Dr. TULSIDAS G. SHRIVASTAV, M.Sc., Ph.D. (Biochemistry).

Areas of research interest are Immunodiagnostics, Hormonal Contraception for male, and Molecular and cellular biology. Recipient of Dr. Kona Sampath Kumar Memorial Prize from University of Delhi in the year 1990. Recipient of Professor Pera Govindrajulu Gold Medal Oration Award-2008 in the recognition of research achievements from Society of Reproductive Biology and Comparative Endocrinology (SRBCE). Recognized Ph.D. supervisor from Nagpur, and Burdwan Universities and Indian Institute of Technology, New Delhi. Five Patents filed so far out of which three have been granted. Five technologies (Patents filed and granted) transferred to NRDC for licensing to industry for commercialization. Published more than fifty papers in International and National journals and same numbers of papers read in conferences.

Life member of Society for Reproductive Biology and Comparative Endocrinology. Clinical Society Tata Main Hospital, Jamshedpur, and Indian Society for Study in Reproduction and Fertility. Executive committee member of Society for Reproductive Biology and Comparative Endocrinology.

Developed single analyte ELISA kits for Cortisol, Corticosterone, Progesterone, 17-OH Progesterone, Estrone glucuronide, and Androstenedione Also developed multi-analyte kits for hCG + Progesterone, and LH + E₁3G

KIT EVALUATION: a) National: Six laboratories, b) International: By EQAS BIO-RAD, USA and received outstanding quality certificate (*copy of certificate attached*)

SALIENT FEATURES OF ELISA KITS:

a) Kits have been certified by the EQAS program of Bio-Rad, USA. b) Kits are very stable in varied Indian climatic conditions. c) Low-production cost. d) Long shelf life. e) Kits are at par with imported technology. f)

Kits reagents do not deteriorate even after repeated exposure to the environment. g) Single analyte ELISA kits utilizes enzyme horseradish peroxidase as label. h) **The immunoreactants used in ELISA kits i.e. steroid enzyme conjugate, immobilized antibody on micro wells and, antibody and, reference preparation in solution are made thermo-stable at 37⁰C (Three months) or 12 years at 4-8⁰C** i) **The thermo-stability technology will be universal in those ELISA kits that are based on the use of enzyme horseradish peroxidase as label.**

Multi analyte ELISA kit utilizes enzyme horseradish peroxidase and alkaline phosphatase as labels

Contact Details:

Tele. No. (O): 011-26165959/26166441 Exte. 329

Fax N. (O): 011-26101623

E-mail: tgsrivastava@nihfw.org

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External Quality Assurance Services

Certificate of Participation

NATIONAL INSTITUTE OF HEALTH & FAMILY

has participated in the Quality Assessment Program for

Immunoassay

Cycle 23: February - July 2004

BIO-RAD

Bio-Rad
Laboratories



Greg Cooper

Greg Cooper, Marketing Manager
Quality Assurance Programs

EQAS

External Quality Assurance Services

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NATIONAL INSTITUTE OF HEALTH & FAMILY

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Immunoassay

Cycle 24: August 2004 – January 2005

BIO-RAD

Bio-Rad
Laboratories



Greg Cooper

Greg Cooper, Marketing Manager
Quality Assurance Programs