

# Our innovations for the diagnostics of autoimmune diseases and tumors

*Simply innovative diagnostics*

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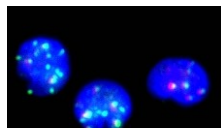




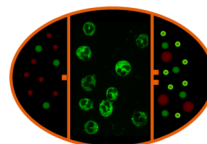
DotDiver 2.0



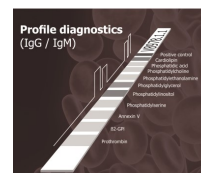
AKLIDES®



AKLIDES® Cell Damage



CytoBead®



APL Dot

### **DotDiver 2.0** *(LINE Processor)*

Instrument for processing and evaluation of LINE / Dot Assays for autoimmune diagnostics, infectious serology and allergy.

### **AKLIDES® / akiron®** *(Instrument)*

Since 2009 worldwide the first standardized, automated microscope using software algorithms for antibody screening and pattern recognition on IFA cell culture slides in the diagnostics of rheumatoid diseases. No darkroom needed.

### **AKENOMI®** *(Pipettor)*

Pipetting station for automated processing of indirect immunofluorescence assays (up to 62 samples on 12 slides). Data connection to automated microscope systems akiron® and AKLIDES®.

### **AKLIDES® Cell Damage** *(Instrument)*

Since 2011 worldwide the first standardized, automated system for the determination of biomarkers for DNA repair mechanisms in cells following radiation or oxidative stress.

### **CytoBead®** *(Technology)*

Since 2014 worldwide the first combination of cells/tissues and antigen coated beads in one immunofluorescence test for simultaneous screening and confirmation of autoantibodies. Quantitative results for ANA, ANCA and celiac disease profiling.

### **Anti-MuSK** *(IFA)*

Test for the determination of autoantibodies against the muscle specific receptor tyrosine kinase (MuSK) for the diagnosis of the neurological disorder Myasthenia gravis, characterized by blocked communication between nerves and muscles.

### **Anti-GP2** *(ELISA)*

Test for determination of autoantibodies against glycoprotein 2 (GP2). Antibodies of IgG type serve as new marker for the differential diagnosis of chronic inflammatory bowel diseases such as Morbus Crohn or Colitis ulcerosa. Antibodies of IgA type help in the prognosis of primary sclerosing cholangitis.

### **Pancreatitis GP2** *(ELISA)*

Test for the quantitative determination of glycoprotein 2 isoform alpha (GP2a) in human serum for the diagnosis of acute pancreatitis.

### **Anti-ASGPR** *(ELISA)*

Worldwide unique test for the determination of autoantibodies against the asialoglycoprotein receptor (ASGPR) for the diagnosis and monitoring of autoimmune hepatitis.

### **Anti-Factor H** *(ELISA)*

Test for the diagnosis of the atypical hemolytic uremic syndrome, which is accompanied by acute kidney failure. The syndrome may be caused by autoantibodies against factor H, a regulating protein of the innate immune system.

### **Medizym® Tg Rem** *(ELISA)*

Highly sensitive test system for early recognition of recurrent thyroid carcinomas.

### **Anti-Phospholipid (APL)** *(Dot)*

New approach for the risk assessment of miscarriages and for problems with thrombosis patients. 10 different antibodies determined simultaneously.

### **Anti-Gangliosid** *(Dot)*

Innovative test system for profile diagnostics of autoimmune diseases of the peripheral nervous system. 12 different antibodies determined at once.

### **SELco® TRAb human 1 step** *(RIA)*

One-step radioimmuno assay for the determination of TSH receptor autoantibodies (TRAb) in human serum, especially for automated device.

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