

The product range, fully CE-marked

ELISA

Infectious diseases

| | IgG | IgM | IgA |
|------------------------------------|-----|-----|-----|
| Adeno virus | . | . | . |
| Borrelia burgdorferi (Lyme) | . | . | . |
| Candida | . | . | . |
| Chlamydia trachomatis | . | . | . |
| Chlamydia pneumoniae | . | . | . |
| Cytomegalo virus (+IgG avid. test) | . | . | . |
| Epstein-Barr virus | . | . | . |
| TBE virus | . | . | . |
| Helicobacter pylori | . | . | . |
| Herpes simplex virus Type 1/2 | . | . | . |
| HSV screening | . | . | . |
| Influenza A / B virus | . | . | . |
| Measles virus | . | . | . |
| Mumps virus | . | . | . |
| Mycoplasma pneumoniae | . | . | . |
| Parainfluenza 1/2/3 screening | . | . | . |
| Respiratory syncytial virus | . | . | . |
| Rubella virus | . | μ | . |
| Toxoplasma gondii | . | μ | . |
| Varicella zoster virus | . | . | . |
| RF (rheumatoid factor) sorbent | . | . | . |

Western Blot

Infectious diseases

| | IgG | IgM | IgA |
|-----------------------------|-----|-----|-----|
| Borrelia burgdorferi (Lyme) | . | . | . |
| Helicobacter pylori | . | . | . |

IFA (immunofluorescence assays)

Autoimmunology & Infectious diseases

Autoimmunology

Cells (IgG)

ANA-HEp-2 (Anti-nuclear antibody)
 nDNA antibody (Crithidia luciliae)
 c-/p-ANCA (anti-neutroph. cytopl. antib.)

Single rat/rabbit tissue (kidney: liver: heart: stomach: muscle: tongue: IgG or polyvalent)

AMA (Anti-mitochondrial antibody)
 ANA (Anti-nuclear antibody)
 ASA (Anti-skin antibody)
 ASMA (Anti-smooth muscle antibody)
 HMA (Anti-heart muscle antibody)
 SKL (Anti-skeleton muscle antibody)

Double tissue (Rat stomach/kidney polyv.)

AMA/ASMA/APCA (Anti-mitochondrial/
 -smooth muscle-/parietal cell antibodies)

Triple tissue (Rat stomach/kidney/liver polyv.)

ANA/AMA/ASMA/APCA (Anti-nuclear/mito-
 chondr./-smooth muscle-/pariet. cell antibodies)

LKM (Anti-liver kidney microsomal antibody)

Autoimmunology

Single monkey tissue (adrenal gland: kidney: oesophagus: pancreas: thyroid: IgG, IgA or polyvalent)

ASA (Anti-skin antibody)
 ATA (Anti-thyroidal antibody)
 EmA (Anti-endomysium IgA antibody)
 ICA (Anti-islet cell antibody)
 GBM (Anti-glomerulus basement membr. antibody)
 NNA (Anti-adrenal gland antibody)

Infectious diseases

| | IgG | IgM | IgA |
|------------------------|-----|-----|------|
| Borrelia (Lyme) | . | . | . |
| Candida | . | . | . |
| Chlamydia tracho. | . | . | . |
| Cytomegalo virus | . | . | . |
| Epstein-Barr virus | . | . | . |
| HSV type 1/2 | . | . | . |
| Measles virus | . | . | . |
| Mumps virus | . | . | . |
| RSV virus | . | . | . |
| Toxoplasma gondii | . | . | scr. |
| Trep. Pall. (FTA Abs) | . | . | . |
| Varicella zoster virus | . | . | . |

Superior ELISAs due to...

Identical test protocols for nearly all VIR-ELISAs

- **same dilution for all samples**
all samples are diluted 1:100
- **same short incubation times (except Toxo/Rubella IgM/Chlamydia pn.)**
incubations times: 30min sample / 30min conjugate / 10min substrate; short incubation times mean fast test results
- **same incubation conditions (except Toxo/Rubella IgM/Chlamydia pn.)**
incubations at room temp. (no heating incubator required)
- **same test handling**
all the same: wash procedure, wash/stop solution and substrate
- **small amount of patient samples needed**
numerous tests can be executed with one sample

Easy handling

- **ready to use reagents**
no reagent dilution, no reagent preparation (except of washing solution and Toxo antigen/POD conjugate)
- **standardized test protocol**
simultaneous testing of different parameters easily possible
- **micro strips individually sealed and vacuum packed**
economical (no waste) due to single strip packaging and breakaway wells; longer stability / no antigen deterioration
- **colour coated ELISA strips**
parameter specific colour codes enhance user friendliness



Superior ELISAs due to...



Easy evaluations of results

- **cut off control included in kit**
easy differentiation of positive and negative samples
- **positive control included in kit**
easy quantification (titre) by a defined positive control
- **calibrators** for C. Trachomatis-IgG, C. Pneumoniae IgG, Measles-IgG, Rubella-IgG, TBE IgG, Toxo-IgG; quantification (titre or I.U./International Units based on WHO Standards) by defined calibrators

Open test system

- **manual and automatic testing possible**
open to all auxiliary equipment (reader, washer etc.) for a high customer flexibility
- **automatisation for all steps**
VIR-ELISA can be automated from sample preparation to result calculation
- **assembling of test kits (size, contents, number/volume of reagents, bulk etc.) in accordance to customer's equipment and process requirements:**
maximum customer orientation, sample throughput and system efficiency

Superior IFAs due to...



Easy handling

- **ready to use reagents**
no reagent dilution, no reagent preparation (except washing solution)
- **simple assay procedure**
identical incubation times for all IgG and IgA assays allow testing of several infectious disease parameters at the same time; identical incubation times for all IgM assays
- **fast test results**
short incubation times mean fast availability of results
- **teflon mask slides**
ensure easy handling during test procedure
- **long stability of 49 months**
by using individually sealed & vacuum packed slides; storage in refrigerator (2-8°C)

Easy evaluation of results

- **controls included in kit**
clear evaluation of results by easy comparison of sample with controls
- **defined positive controls included**
controls are clearly defined (IFA titer)