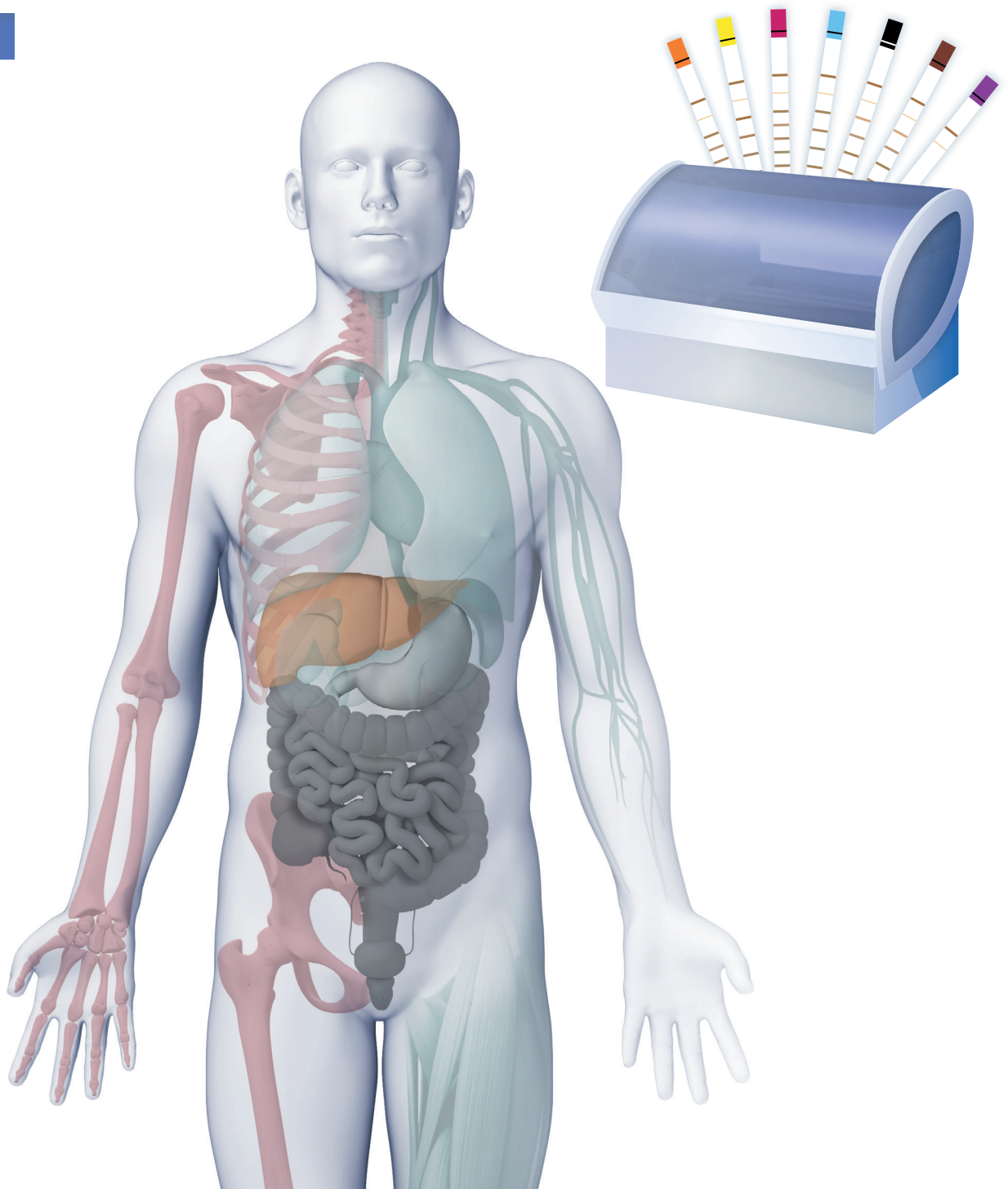


# Line Immunoassay Solutions

Quality based on experience

- › Manual and automated solutions for a wide range of indications
- › Up to 18 autoantibodies in one assay
- › Fast and user-friendly analysis with reliable results

LIA



**IMTEC**

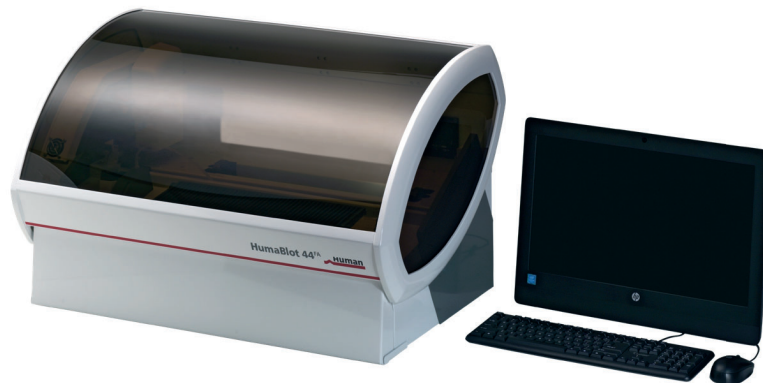
**Human**

Diagnostics Worldwide

# HumaBlot 44<sup>FA</sup>

## Fully automated LIA system tailored to your needs

HumaBlot 44<sup>FA</sup> is a fully automated system for processing HUMAN's line immunoassay (LIA). HumaBlot 44<sup>FA</sup> performs all steps from processing automated sample dilutions to reagent handling, imaging and reporting. With a complete walk-away solution and up to 44 tests per run, it is optimally suited for labs from low to high throughput. All available LIA tests can run on HumaBlot 44<sup>FA</sup>. The settings for HUMAN line immunoassays are preinstalled and validated.

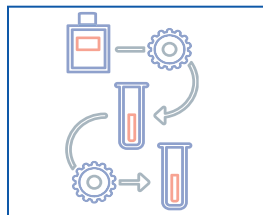


- > Fully automated system: simplifying immunoblot procedures - from reliable sample identification to fast end results
  - plug and play
  - integrated strip scan and analysis
  - automated sample dilution
  - serum and plasma samples can be used
  - automated pump calibration
- > Minimum sample volume 100 µl
- > Maximum tray capacity: 44 strips
- > Processing and analysis of up to 3 different assays simultaneously
- > Automated instrument calibration
- > Bidirectional LIS connection

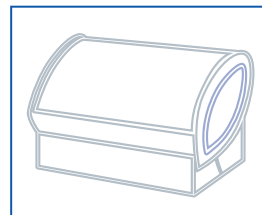
### 4 easy steps to results



Select LIA according to testing needs.



Load samples & reagents.



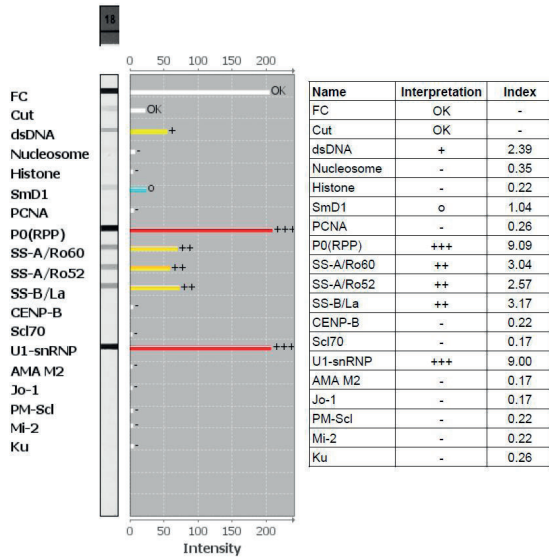
Set up run on the HumaBlot 44<sup>FA</sup> with step-by-step wizard. Start run.



Receive results in a ready to print format and store in LIS.

# HumaBlot 44<sup>FA</sup>

Simplify your lab Life

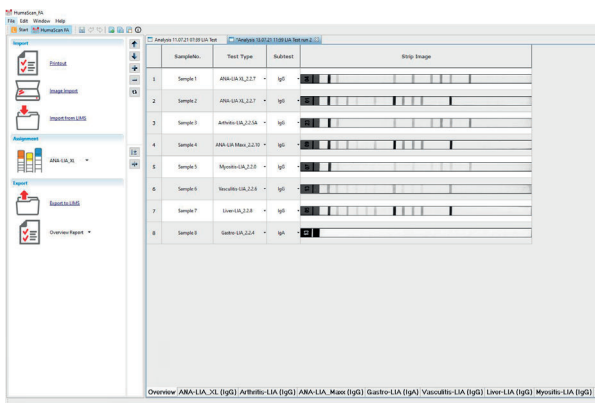


## Reliable automation

- > Precise imaging through LED illumination technology
- > Integrated digital CCD camera
- > Built-in barcode reader
- > Fast dry heating system
- > Reagent savings due to resourceful tubing

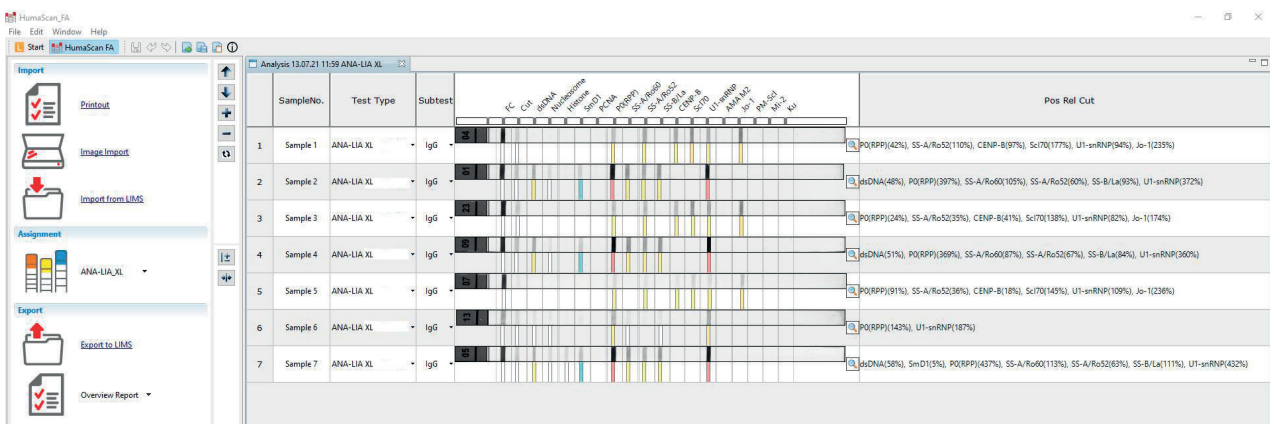
## Excellent sample management

- > From patient sample to report with a step-by-step software including an automated evaluation of the test results
- > Manage your workload - high efficiency with up to 132 test strips per day
- > Direct transfer of data to and from laboratory information systems



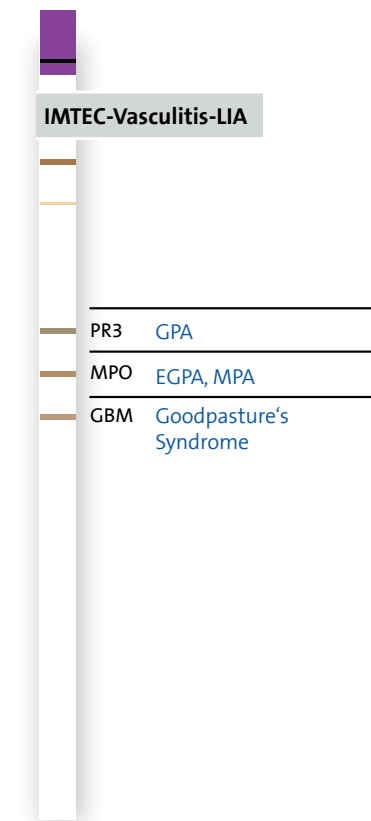
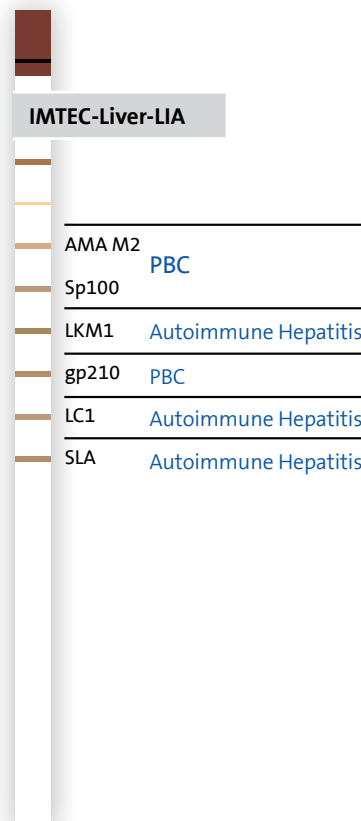
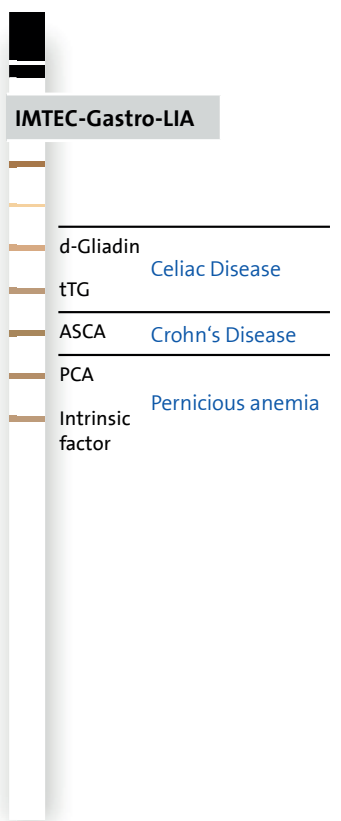
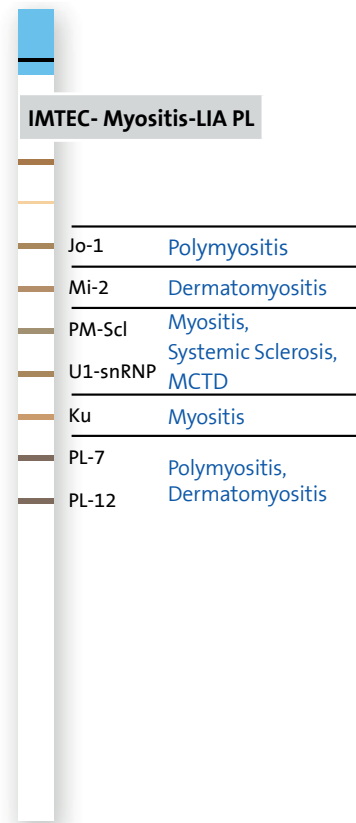
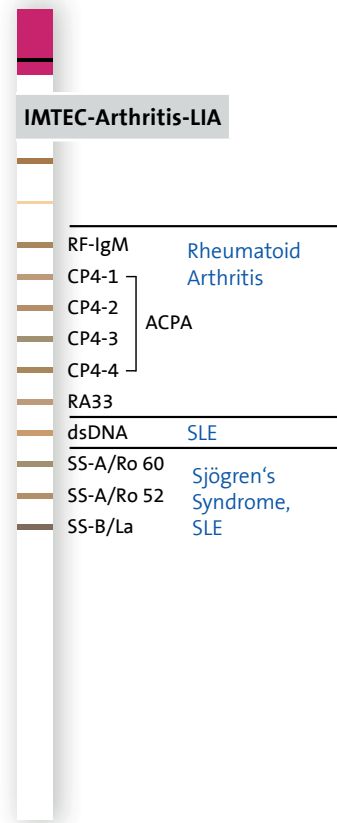
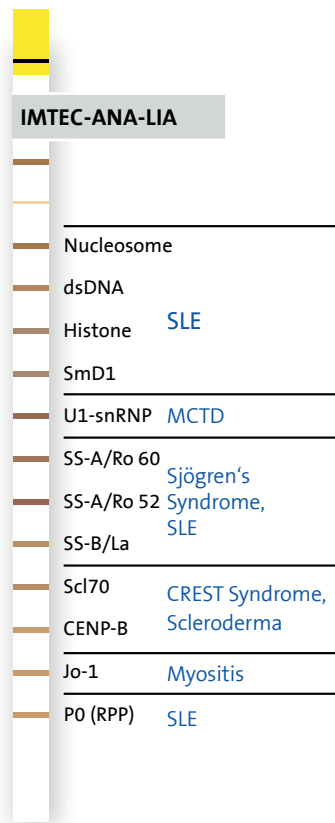
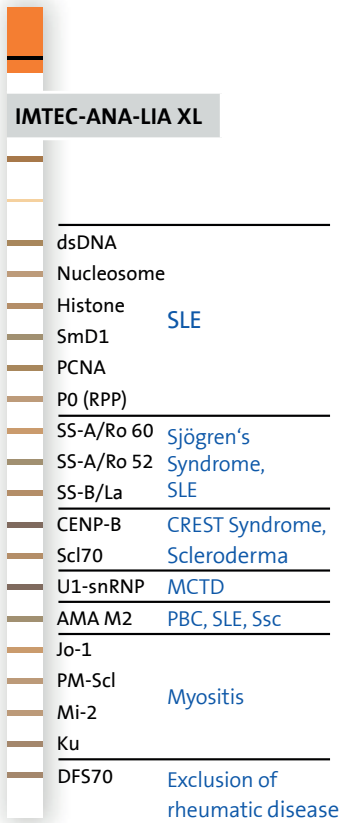
## Efficient reporting

- > HUMAN LIA band interpretation via user friendly software
- > Sample security: integrated barcode scanning ensures correct sampling
- > Simple and user-friendly soft- and hardware, minimal maintenance due to robust design
- > Electronic archiving
- > Data security due to personalized user management



# Line Immunoassays

## Specific diagnostic and differentiation



# HumaScan<sup>FA</sup>

## Fast analysis and reporting

The 2<sup>nd</sup> generation HumaScan<sup>FA</sup> software further simplifies the evaluation of LIA strips. The software and scanner are a semi-automated solution offering a fast and objective analysis of manually processed LIA strips.

The specific autoantibody bands are identified and graphically displayed in an intensity profile for each individual patient. All LIA strip settings are available and validated and can be directly used for analysis.

Three different license models allow customer-specific selection.

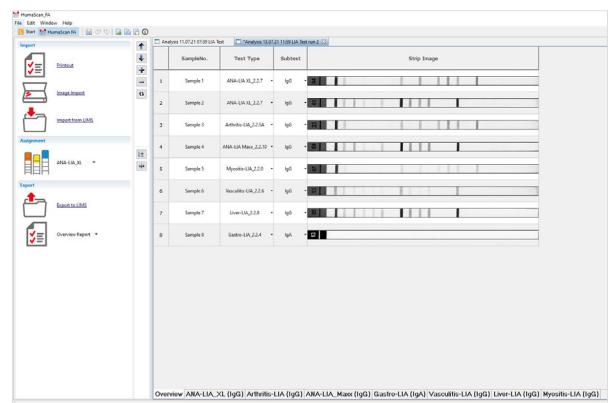
### Simple analysis in three steps:

- > LIA band interpretation in seconds
- > Simple data export and archiving
- > Detailed patient report with one click

### The benefits for you:

Includes interpretation of all LIA strips available by HUMAN

- > Easy strip positioning on the template
- > Revision of the reported values is possible
- > Bidirectional LIS connection
- > Activated via a license code - no dongle is required



## Ordering information - line immunoassay solutions

Automation		REF
<b>HumaBlot 44<sup>FA</sup></b>	Fully automated LIA system	ITC80000
<b>Semi-automation</b>		
<b>HumaScan<sup>FA</sup></b>	Full Software license	ITC80001
<b>HumaScan<sup>FA</sup></b>	Software license without LIS	ITC80002
<b>HumaScan<sup>FA</sup></b>	Software license for 2000 tests	ITC80003
<b>HumaScan<sup>FA</sup></b>	Software license for 500 tests	ITC80004
<b>CanoScan</b>	LiDe scanner	ITC02851i

Line immunoassays	Antigens	REF
<b>IMTEC-ANA-LIA XL</b>	IgG	18
<b>IMTEC-ANA-LIA</b>	IgG	12
<b>IMTEC-Arthritis-LIA</b>	IgG, RF-IgM	10
<b>IMTEC-Myositis-LIA PL</b>	IgG	7
<b>IMTEC-Liver-LIA</b>	IgG	6
<b>IMTEC-Vasculitis-LIA</b>	IgG	3
<b>IMTEC-Gastro-LIA</b>	IgG, IgA	5

# High Quality Immunoassay Solutions

30 years experience make a difference

## High quality products for reliable results

Line immunoassays are produced by coating antigens in lines on a nitrocellulose membrane. Bound autoantibodies are made visible by using HRP-conjugated secondary antibodies and a LIA-specific substrate. A cut-off line simplifies the determination of positive samples. To ensure a constant high quality, IMTEC-LIAs are closely monitored throughout the production process and testing results are verified regularly in external quality control assessment program.

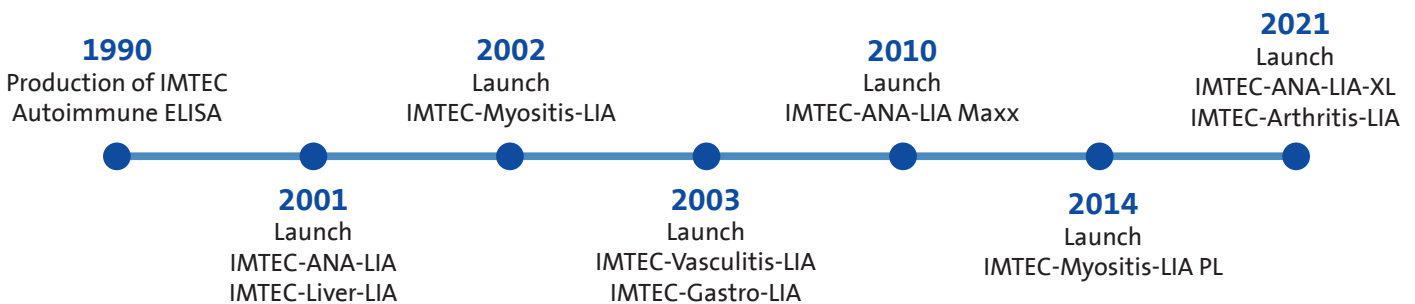


## Innovative new products

The unique IMTEC-Arthritis-LIA includes all parameters required for the diagnosis of rheumatoid arthritis. It contains ACPA (anti-citrullinated peptide antibodies) and rheumatoid factor, both recommended by ACR/EULAR criteria to diagnose rheumatoid arthritis. It is completed by the bands for RA33 for improved disease prediction and SSA and SSB antibodies to allow early detection of the potential overlap with Sjögren's syndrome. Alongside with IMTEC-ANA-LIA XL, specifically designed to improve accuracy in rheumatic diseases diagnosis, and an updated HumaScan<sup>FA</sup> software, HUMAN continues to commit itself to innovative autoimmune disease diagnostics.

## 30 years of experience in autoimmune diagnostics

IMTEC GmbH was founded in 1990 and has been part of the HUMAN Group since 2006. For 30 years, the brand IMTEC has been synonymous for high-quality and future-oriented products in the field of autoimmune diagnostics.



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