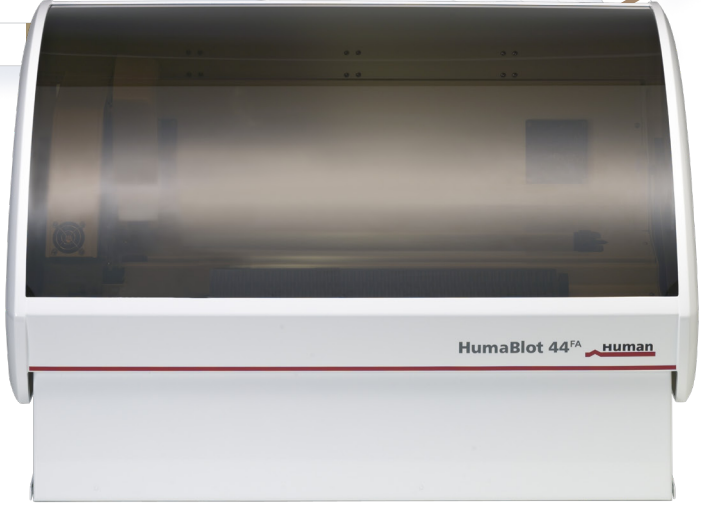
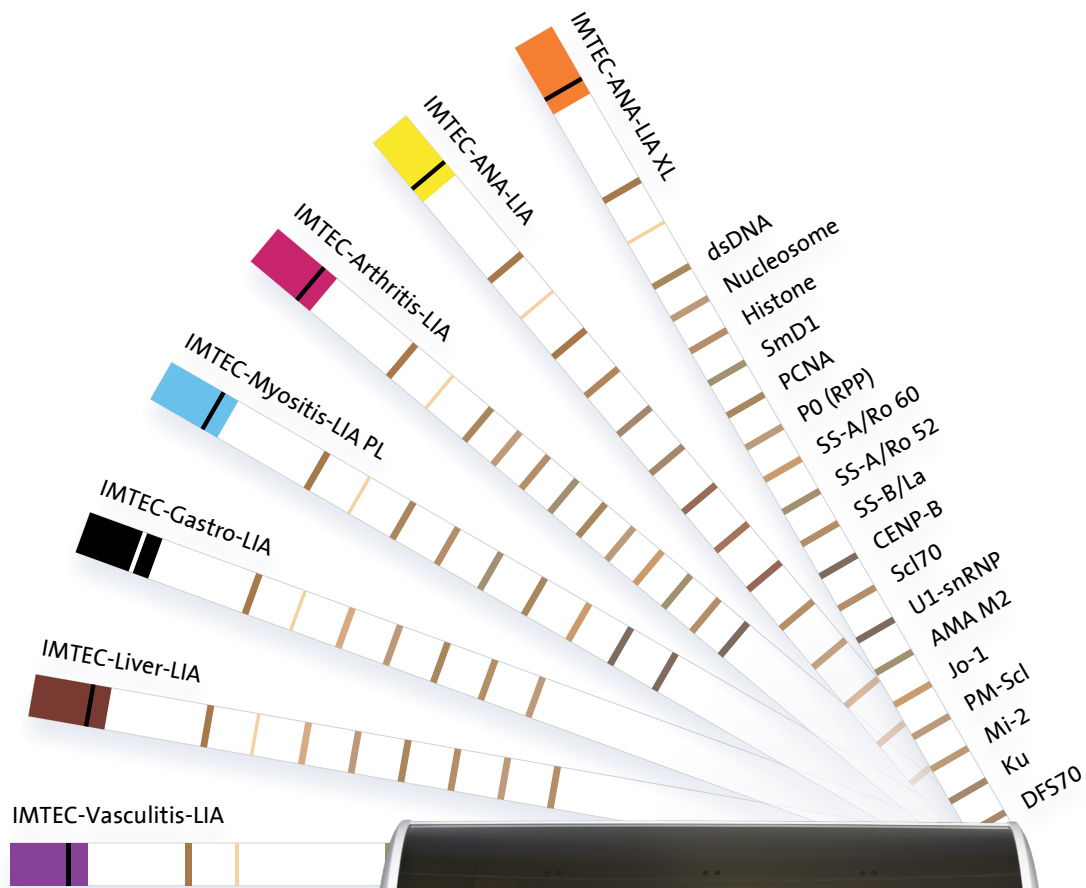


Line Immunoassay Solutions

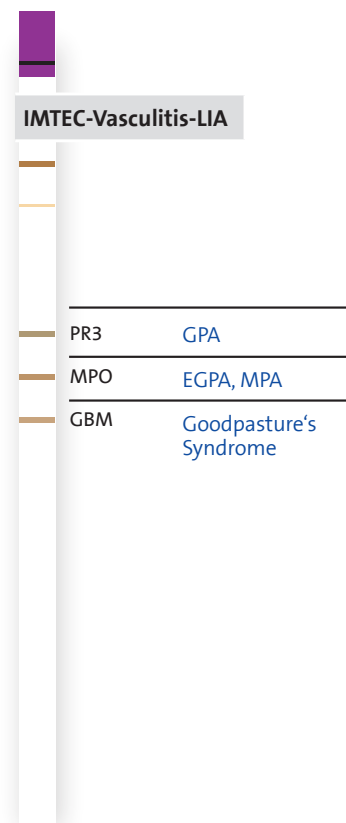
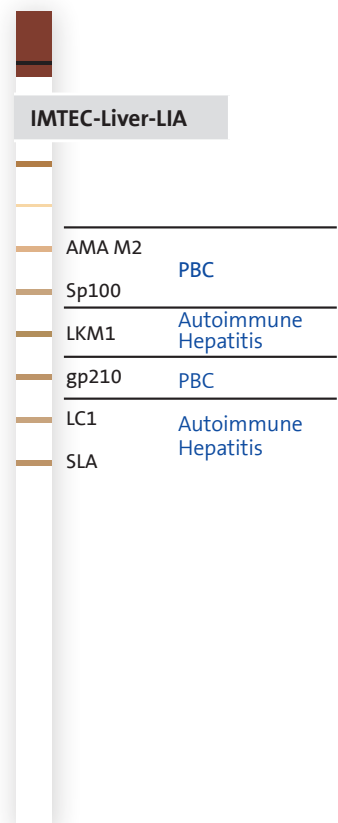
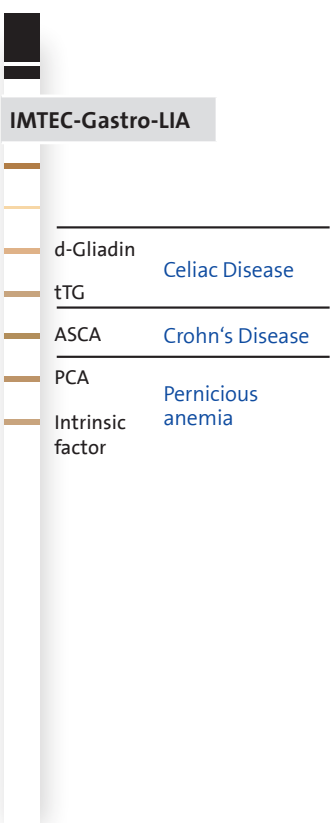
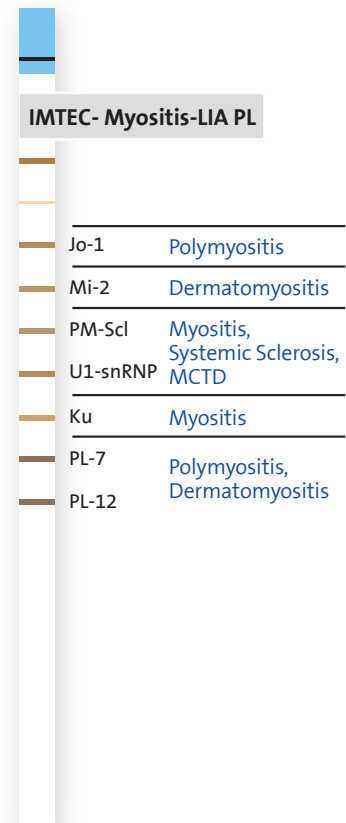
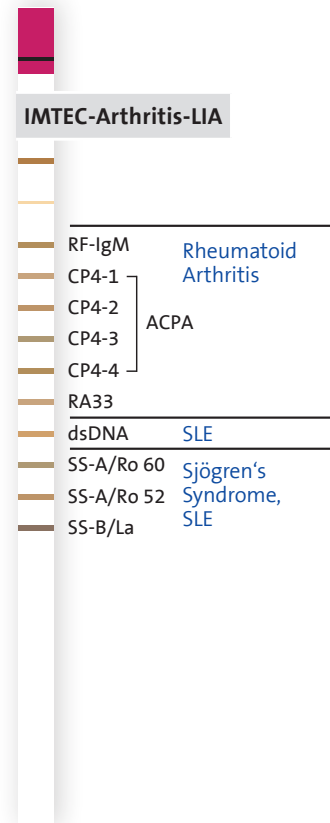
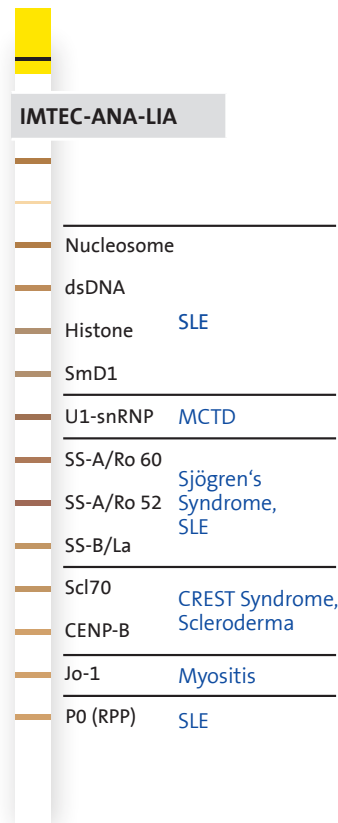
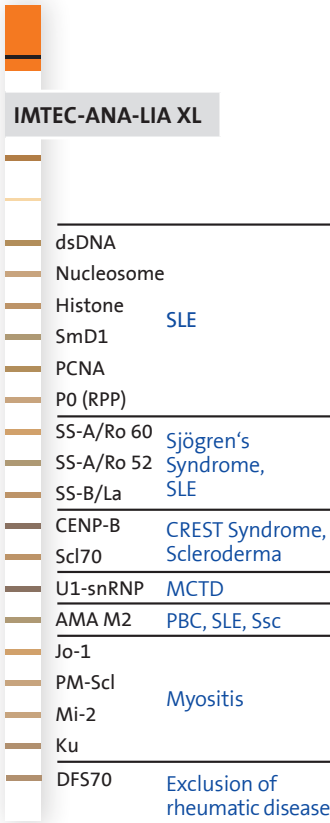
Quality based on experience

- > 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



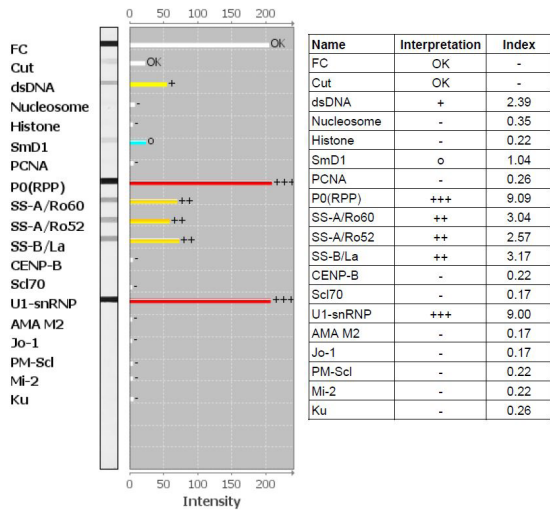
Line Immunoassays

Specific diagnostic and differentiation



HumaBlot 44^{FA}

Simplify your lab Life



Reliable automation

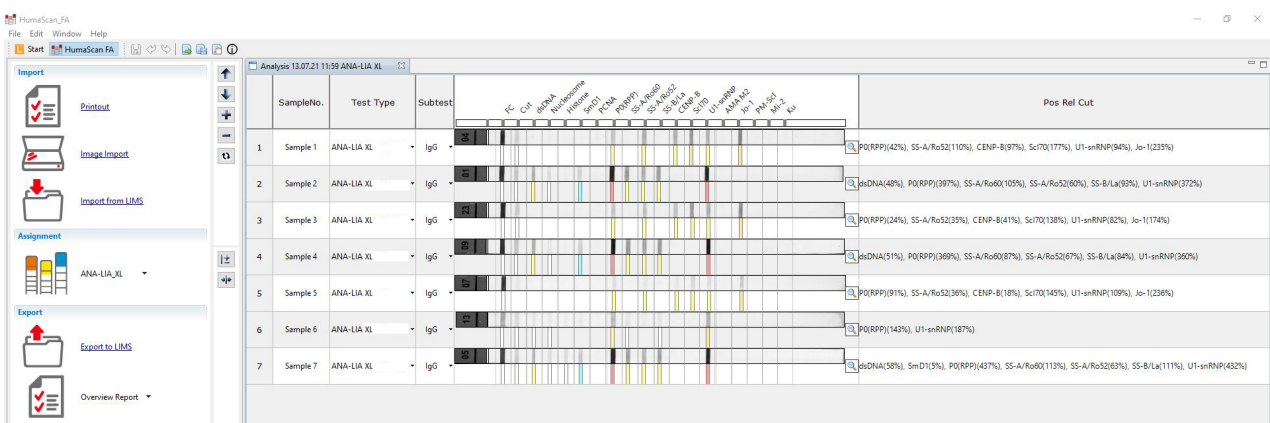
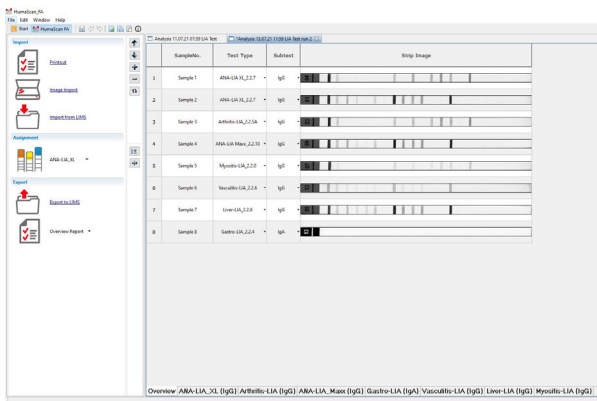
- > Precise imaging through LED illumination technology
- > Integrated digital CCD camera
- > Built-in barcode reader
- > Quick-dry heating technology
- > Reduced reagent usage with efficient tubing

Excellent sample management

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

Efficient reporting

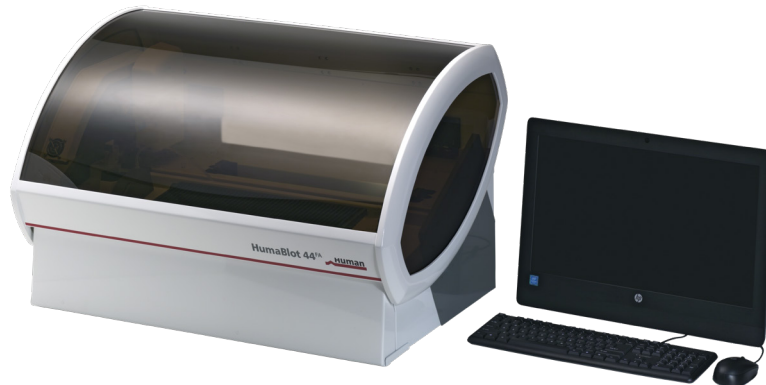
- > HUMAN LIA band interpretation via user friendly software
- > Sample security: integrated barcode scanning ensures correct sampling
- > Simple and user-friendly soft- and hardware, minimal maintenance due to robust design
- > Electronic archiving
- > Data security by personalized user management



HumaBlot 44^{FA}

Fully automated LIA system tailored to your needs

The HumaBlot 44FA is a fully automated system for processing line immunoassays, handling everything from sample dilution and reagent management to strip scanning and test result interpretation. 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^{FA}. The settings for HUMAN line immunoassays are preinstalled and validated.



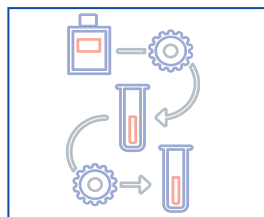
- > Fully automated system: simplifying LIA procedures - from reliable sample identification to fast end results
 - plug and play
 - integrated strip scan and analysis
 - automated sample dilution
 - serum and plasma samples can be utilized
 - automated pump calibration
- > Minimum sample volume 100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



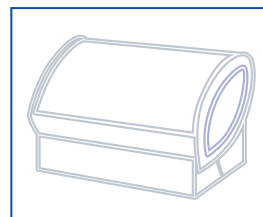
4 easy steps to results



Select LIA according to testing needs.



Load samples & reagents.



Set up run on the HumaBlot 44^{FA} with step-by-step wizard. Start run.



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

HumaScan^{FA}

Fast analysis and reporting

The 2nd generation HumaScan^{FA} 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 recognized 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.

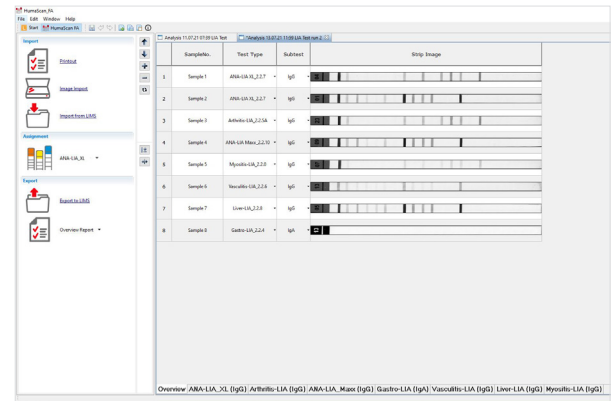
Simple analysis in three steps:

- > 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 provided 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	Line immunoassays			Antigens	REF
HumaBlot 44^{FA}	Fully automated LIA system	ITC80000		IMTEC-ANA-LIA XL	IgG	18	ITC92007	
Semi-automation				IMTEC-ANA-LIA	IgG	12	ITC92000	
HumaScan^{FA}	Full Software license	ITC80001		IMTEC-Arthritis-LIA	IgG, RF-IgM	10	ITC94000	
HumaScan^{FA}	Software license without LIS	ITC80002		IMTEC-Myositis-LIA PL	IgG	7	ITC60201	
HumaScan^{FA}	Software license for 2000 tests	ITC80003		IMTEC-Liver-LIA	IgG	6	ITC66205	
HumaScan^{FA}	Software license for 500 tests	ITC80004		IMTEC-Vasculitis-LIA	IgG	3	ITC82040	
CanoScan	LiDe scanner	ITC02851i		IMTEC-Gastro-LIA	IgG, IgA	5	ITC30701	

High Quality Immunoassay Solutions

More than 30 years of experience make the 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 their testing results are regularly verified through external quality control assessments.

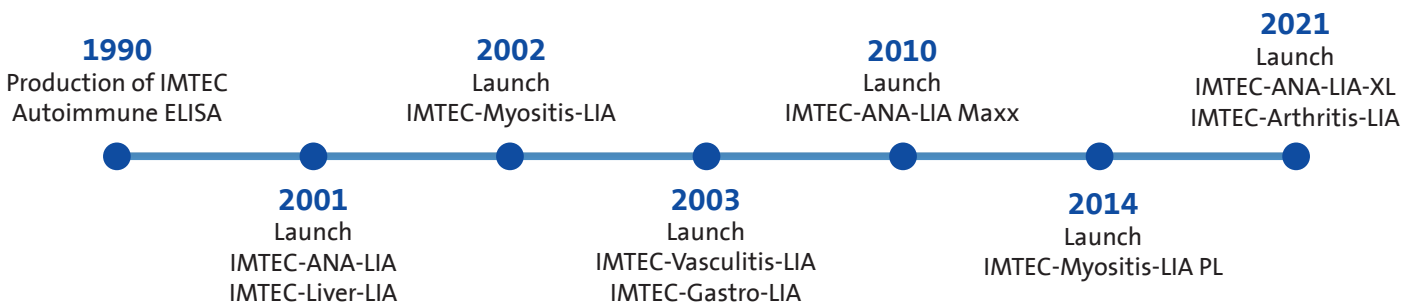


Innovative new products

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. Additionally, it features RA33 bands to enhance disease prediction, as well as SSA and SSB antibodies for early detection of 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^{FA} software, HUMAN remains committed to advancing diagnostics in autoimmune disease.

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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