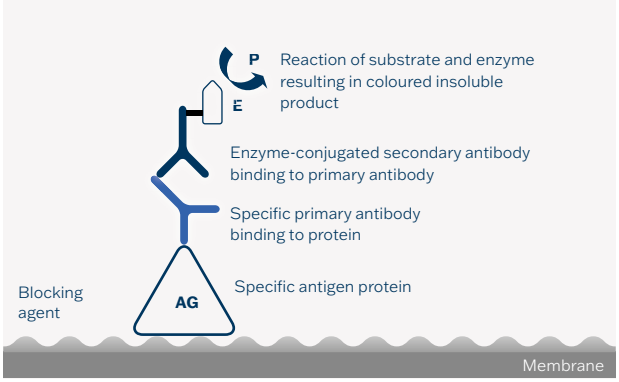
IMMUNOBLOT

Test Principle

Antigens are transferred to a nitrocellulose membrane using a micro-dispensing method.



User Comfort

- Ready-to-use components
- Colour-coded strips
- Interchangeable components
- Positive and Negative controls
- Control line on the strip
- Easy assay procedure

Advantages

- Identical assay procedure
- Easy interpretation and reproducibility of results
- High diagnostic specificity and sensitivity
- Ready for automation
- Customer support

Clinical Application

BLOT-LINE ANA

- Confirmatory test for EIA ENA screen plus
- Diferential diagnosis of systemic autoimmune diseases by determination of specific ANAs

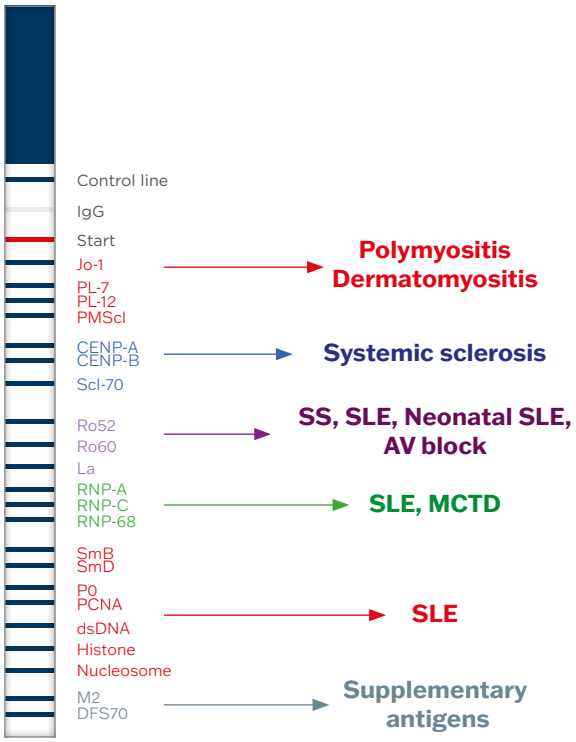
Protocol Summary

Step		Test steps
	1.	Pipette Universal solution 2 ml
	2.	Strips soaking 10 min. at room temperature – Shaker
	3.	Aspirate
	4.	Dilute samples – serum/plasma 1:51 (30 µl + 1,5 ml)
	5.	Pipette Controls and diluted samples 1.5 ml
	6.	Incubate 30 min. at room temperature – Shaker
	7.	Aspirate samples and wash strips with 1.5 ml of Universal solution 3-times for 5 min. – Shaker
	8.	Pipette Conjugate 1.5 ml
	9.	Incubate 30 min. at room temperature – Shaker
	10.	Aspirate Conjugate and wash strips with 1.5 ml of Universal solution 3-times for 5 min. – Shaker
	11.	Pipette Substrate solution (BCIP/NBT) 1.5 ml
	12.	Incubate 15 min. at room temperature – Shaker
	13.	Aspirate Substrate solution and wash strips with 2 ml of distilled water 2-times for 5 min. – Shaker
	14.	Sticking and evaluation of strips

Antigens

BLOT-LINE ANA

Recombinant antigens:
Ro52/SS-A, Ro60/SS-A, La/SS-B, RNP-A, RNP-C, RNP 68, SmB, SmD, Scl 70, Jo-1, Centromere B, Centromere A, PMScl, PL-7, PL-12, ribosomal protein P0, PCNA, dsDNA, Histones, M2, DFS70 and Nucleosome



Test Characteristics

Immunoblot	Diagnostic Sensitivity	Diagnostic Specificity
BLOT-LINE ANA	97.2%	99.1%

Clinical Data

Detection of individual antigens for group of patients with SLE – results of BLOT-LINE ANA