EUROLINE Profiles Autoimmune Liver Diseases

Antigen combination

Examples of incubated strips

Applications: Determination of autoantibodies against liver antigens in the serological diagnosis of autoimmune hepatitis and primary biliary cirrhosis.

Antigen substrates: Membrane chips printed with individual lines of purified, biochemically characterized antigens. Each antigen is coated onto a separate membrane chip, providing optimal efficiency of antibody detection for each protein.

Sample dilution: Serum or plasma; 1:101 in sample buffer.

Test procedure: 30 min / 30 min / 10 min. Room temperature.

Automation options: Compatible with all commercial blot processing systems. Computer-based evaluation of results with EUROLineScan program.

Kit format: 16 membrane strips, kits include all necessary reagents. DL 1300-4 G also available with 64 membrane strips (DL 1300-6401-4 G).

== Technical data ==

**AMA-M2** = native M2 antigen, main component: 74 kDa E2 subunit of pyruvate dehydrogenase (PDH); **M2-3E (BPO)** = fusion protein from the immunogenic domains of E2 subunits of the three enzyme complexes (3E) representing the main autoantigens of the M2-antigen: branched-chain 2-oxoacid dehydrogenase (BCOADH), pyruvate dehydrogenase (PDH), oxoglutarate dehydrogenase (OGDH); **Sp100** = speckled protein (100 kDa); **PML** = promyelocytic leukemia protein; **gp210** = glycoprotein (210 kDa); **LKM-1** = cytochrome P450 IID6; **LC-1** = formiminotransferase cyclodeaminase; **SLA/LP** = UGA-suppressor-tRNA associated protein; **Ro-52** = DNA topoisomerase I; **CENP A, CENP B** = centromere protein A or B; **PGDH** = D-3-phosphoglycerate dehydrogenase.