Rabbit Anti-Human Inter-Alpha-Trypsin Inhibitor
Code No. A 0301
Lot No. 085. Edition 18.10.99

Presentation
DAKO Rabbit Anti-Human Inter-Alpha-Trypsin Inhibitor is the purified immunoglobulin fraction of rabbit antiserum.

Solvent: 0.1 mol/L NaCl, 15 mmol/L NaN₃.
Protein concentration: 7.6 g/L.

The titre variation between different lots of A 0301 is less than 10%. This is achieved by adjusting the titre of each individual lot to match the titre of an antibody reference preparation kept at -80 °C.

Immunogen
Inter-alpha-trypsin inhibitor isolated from human serum.

Specificity
The antibody reacts with human inter-alpha-trypsin inhibitor.
Traces of contaminating antibodies have been removed by liquid-phase absorption with human plasma proteins.
The specificity of the antibody has been ascertained as follows:

Crossed immunoelectrophoresis: Only the inter-alpha-trypsin inhibitor precipitation arch appears when using 12.5 µL DAKO A 0301 per square cm gel area against 2 µL human plasma. Staining: Coomassie Brilliant Blue.

Application
The antibody is well-suited for gel precipitation techniques (1)(2).

GUIDELINE FOR DILUTION

Rocket immunoelectrophoresis: Antibody: 1.0 µL per square cm gel area. Standard: A pool of fresh human plasma, 1+2 1+5 1+10 1+20. Dilution of samples: 1+10. Standard and sample volume: 5 µL.

Single radial immunodiffusion: Antibody: 0.5 µL per square cm gel area. Standard: A pool of fresh human plasma, 3+1 2+1 1+1 1+2. Dilution of samples: 1+1. Standard and sample volume: 5 µL.

Storage
2 - 8 °C.

References