



Latex Assay D-Dimer

Test kit for quantitative determination of D-dimer in human plasma on automated laboratory systems.

Test principle

A reaction between an anti-D-dimer-antibody, adsorbed on a latex particle, and D-dimers from a sample leads to the formation of a high-molecular-weight complex.

This reaction increases the turbidity of the solution, which can be photometrically measured. The change in turbidity is directly proportional to the antigen concentration of the sample and can be quantified by utilizing a calibration curve.

Reagents and stability (after opening)

Latex-reagent	1 vial	4 weeks at 2-8°C 1 week at 15 °C
Reaction buffer	1 vial	4 weeks at 2-8°C 1 week at 15 °C
NaCl-solution 0,9%	1 vial	4 weeks at 2-8°C 1 week at 15 °C
Calibrator 0 ng/ml	2 vials	8 hours at RT 8 hours at 2-8°C 8 hours at 15°C 1 month at -20°C
Calibrator ~3000 ng/ml	2 vials	8 hours at RT 8 hours at 2-8°C 8 hours at 15°C 1 month at -20°C

Analyzer applications:

No. of determinations:

Article no.:

On request

50/150

4847200/4847210

Also Available

Control high, 5 x 1 ml	8 hours at RT 8 hours at 2-8°C 8 hours at 15°C 1 month at -20°C	Latex-reagent, 5 x 4 ml	4 weeks at 2-8°C 1 week at 15 °C
Article no.:	4847230	Article no.:	4847238
Control low, 5 x 1 ml	8 hours at RT 8 hours at 2-8°C 8 hours at 15°C 1 month at -20°C	Reaction buffer, 2 x 21 ml	4 weeks at 2-8°C 1 week at 15 °C
Article no.:	4847232	Article no.:	4847222
Latex-reagent, 2 x 12 ml	4 weeks at 2-8°C 1 week at 15 °C	Reaction buffer, 5 x 7 ml	4 weeks at 2-8°C 1 week at 15 °C
Article no.:	4847220	Article no.:	4847240