



ADAMTS13

Chromogenic and Fluorogenic Activity,
Antigen, and Inhibitor Assays



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ADAMTS13

TECHNOZYM® ADAMTS-13 Activity ELISA (research use only)

+ Catalog No. 5450701 (2x48)

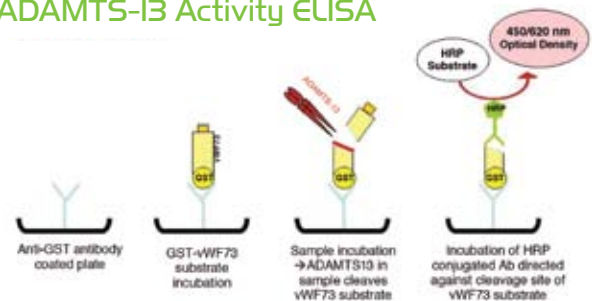
Chromogenic Activity ELISA

TECHNOZYM® ADAMTS-13 Activity ELISA is an ELISA for the determination of ADAMTS13 activity in plasma. ADAMTS13 is an enzyme that specifically cleaves unusually large von Willebrand Factor multimers, which include platelet thrombus formation under high shear stress.

Assay features:

- + ADAMTS13 activity sensitivity down to 0.5%
- + No need for any special technique or instrumentation, just **standard ELISA equipment**
- + Short assay time (3h)
- + Calibrators and controls included
- + No interferences from bilirubin, hemoglobin or elastase
- + Developed with standard HRP/TMB reagents

Test principle of TECHNOZYM® ADAMTS-13 Activity ELISA



Additional calibrator and controls available separately

5450761 TECHNOZYM® ADAMTS-13 Activity Calibrator Set, 5 x 0.5 mL

5450763 TECHNOZYM® ADAMTS-13 Activity Control Set, 2 x 0.5 mL

TECHNOZYM® ADAMTS-13 Activity/Antigen ELISA (research use only)

+ Catalog No. 5450501 (2x48)

+ Catalog No. 5450551 (1x48)

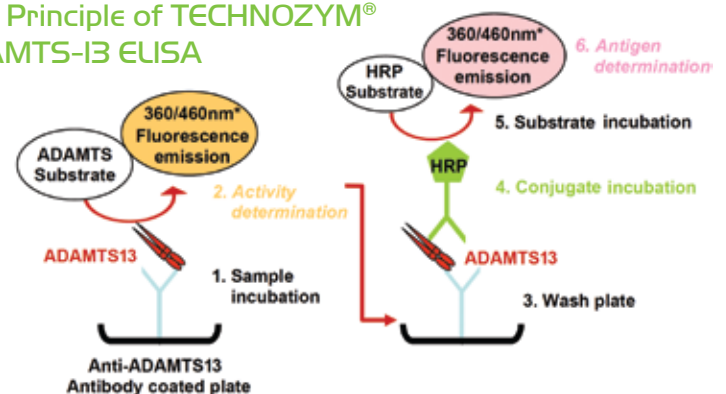
Fluorogenic Activity and Antigen ELISA

TECHNOZYM® ADAMTS-13 is an ELISA for the determination of ADAMTS13 activity and antigen in plasma. ADAMTS13 is the enzyme that cleaves vWF under laminar flow conditions.

Assay features:

- + Allows determination of ADAMTS13 activity below 5%
- + Ready-to-use coated ELISA plate
- + Calibrators and controls included
- + Concentrated, stabilized conjugate
- + Fluorescence substrate (only one pair of filters necessary)
- + Sample used undiluted
- + Excel evaluation software available

Test Principle of TECHNOZYM® ADAMTS-13 ELISA



Additional calibrator and controls available separately

5450561 TECHNOZYM® ADAMTS-13 Calibrator set, 5 x 0.5 mL

5450563 TECHNOZYM® ADAMTS-13 Control set, 2 x 0.5 mL

TECHNOZYM® ADAMTS-13 Antigen ELISA (research use only)

+ Catalog No. 545060I (2x48)

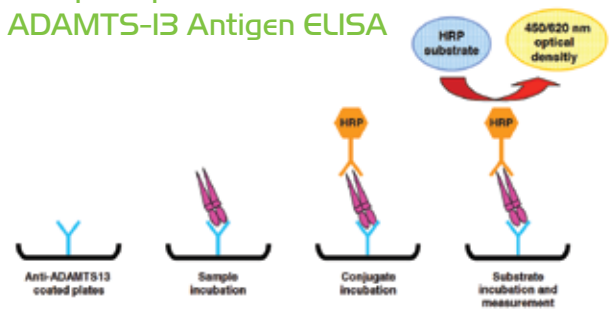
Chromogenic Antigen ELISA

TECHNOZYM® ADAMTS-13 Antigen ELISA is an ELISA for the determination of ADAMTS13 Antigen concentration in plasma. ADAMTS13 is the enzyme that specifically cleaves vWF under high shear stress.

Assay features:

- + Detection of low ADAMTS13 concentrations
- + No need for any special technique or instrumentation, just **standard ELISA equipment**
- + Short assay time (~3.5h)
- + Ready-to-use coated ELISA plate
- + Calibrators and controls included
- + Stabilized conjugate stock solution
- + Ready-to-use TMB substrate

Test principle of TECHNOZYM® ADAMTS-13 Antigen ELISA



Additional calibrator and controls available separately

5450661 TECHNOZYM® ADAMTS-13 Antigen Calibrator Set, 5 x 0.5 mL

5450663 TECHNOZYM® ADAMTS-13 Antigen Control Set, 2 x 0.5 mL

TECHNOZYM® ADAMTS-13 INH ELISA (research use only)

+ Catalog No. 545040I (2x48)

+ Catalog No. 545045I (1x48)

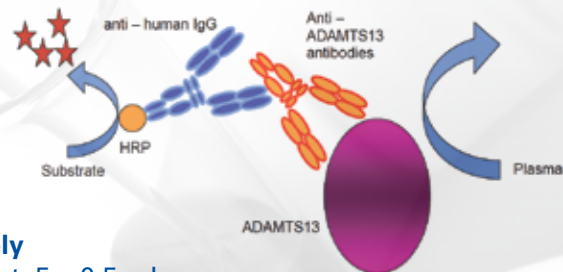
Chromogenic Autoantibody ELISA

TECHNOZYM® ADAMTS-13 INH is an ELISA for the determination of antibodies directed against ADAMTS13.

Assay features:

- + Ready-to-use coated ELISA plate
- + Calibrators and controls included
- + Concentrated, stabilized conjugate
- + Ready-to-use TMB substrate
- + Low background
- + Reproducible and simple

Test principle of TECHNOZYM® ADAMTS-13 INH ELISA



Additional calibrator and controls available separately

5450461 TECHNOZYM® ADAMTS-13 INH Calibrator set, 5 x 0.5 mL

5450463 TECHNOZYM® ADAMTS-13 INH Control set, 2 x 0.5 mL

ORDERING INFORMATION

| Catalog No. | Product Description | Configuration |
|----------------|--|---------------|
| 5450701 | TECHNOZYM® ADAMTS-13 Activity Kit | 2x48 |
| 5450761 | TECHNOZYM® ADAMTS-13 Activity Calibrator Set | 5 x 0.5 mL |
| 5450763 | TECHNOZYM® ADAMTS-13 Activity Control Set | 2 x 0.5 mL |
| 5450501 | TECHNOZYM® ADAMTS-13 Kit | 2x48 |
| 5450551 | TECHNOZYM® ADAMTS-13 Kit | 1x48 |
| 5450561 | TECHNOZYM® ADAMTS-13 Calibrator set | 5 x 0.5 mL |
| 5450563 | TECHNOZYM® ADAMTS-13 Control set | 2 x 0.5 mL |
| 5450601 | TECHNOZYM® ADAMTS-13 Antigen Kit | 2x48 |
| 5450661 | TECHNOZYM® ADAMTS-13 Antigen Calibrator Set | 5 x 0.5 mL |
| 5450663 | TECHNOZYM® ADAMTS-13 Antigen Control Set | 2 x 0.5 mL |
| 5450401 | TECHNOZYM® ADAMTS-13 INH Kit | 2x48 |
| 5450451 | TECHNOZYM® ADAMTS-13 INH Kit | 1x48 |
| 5450461 | TECHNOZYM® ADAMTS-13 INH Calibrator set | 5 x 0.5 mL |
| 5450463 | TECHNOZYM® ADAMTS-13 INH Control set | 2 x 0.5 mL |
| 9810010 | Bio Tek® FLX 800 Fluorescence Microplate Reader | |

All kits are ready-to-use ELISAs containing plates, calibrators and controls.

All TECHNOZYM® ADAMTS-13 Products Are For Research Use Only



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Customer Support Services: | 800 526 5224

Technical Support Services: | 800 477 3846