

5

Tools for your Research

Ready-to-Use, Accurate, and Reliable

5-ELISA



5-Diagnostics

Research and Diagnostic Solutions Delivered



5-ELISA ADAMTS-13 Antigen

Ref. No. 5D-55501

5-ELISA ADAMTS-13 Antigen is an ELISA (RUO) kit for measuring ADAMTS-13 antigen in human plasma or other biological fluids. This sandwich ELISA is designed with polyclonal antibodies coated onto the plate for capturing ADAMTS-13 in the tested sample.

Allows measurement of ADAMTS-13 antigen in human plasma by a **fast one-step method** or a more precise longer two-step method.

More about ADAMTS-13:

This endothelial enzyme cleaves ultra-large vWF multimers to smaller polymers. Lack of ADAMTS-13 activity or its inhibition (by autoantibodies for example) leads to survival of ultra-large vWF multimers in plasma, which induces a platelet hyper-aggregability with embolic diseases, and is life-threatening.

Recently, the ratio of vWF to ADAMTS-13 (both measured by ELISA) has been reported as a good prognosis marker for future thrombo-embolism.

ADAMTS-13 is now available in the recombinant form to treat patients with ADAMTS-13 deficiencies.



5-ELISA ACE2 Antigen

Ref. No. 5D-55901

The 5-ELISA ACE2 Antigen kit is a two-site enzyme immunoassay for measuring Angiotensin Converting Enzyme 2 (ACE2) antigen in plasma or in any biological fluid.

More about ACE2:

The soluble form of the Angiotensin Converting Enzyme 2 (ACE2) is present in plasma at very low concentrations in normal population and tends to increase, in clinical circumstances with hypertension, as the result of a cell surface cleavage by ADAM17. Elevated soluble ACE2 concentrations have been reported in patients with high blood pressure. These soluble forms could be released through a compensatory effect for fighting hypertension.

Soluble forms of ACE2 in plasma have also been reported as good **biomarkers for cardiovascular diseases/heart failure**. In addition, ACE2 is a drug candidate under current evaluation to fight acute burdens from hypertension. ACE2 is also the cell entry receptor for SARS-Cov-2, and tends to be elevated in severe cases, without any diagnostic value demonstrated at this stage for that application.

Antibodies to ACE2 have been reported in plasma from patients with Covid-19, and possibly associated to disease severity or long-lasting complications.



5-ELISA ANNEXIN-A1 Antigen

Ref. No. 5D-55902

The **5-ELISA Annexin A1 Antigen** kit is a two-site enzyme immunoassay for measuring Annexin A1 antigen in plasma or in any biological fluid.

More about Annexin A1:

Annexin-A1 is considered a key mediator in resolving acute inflammation. Blood plasma Annexin-A1 originates mostly from activated and dying cells of the innate and adaptive immune system, including neutrophils, monocytes, macrophages, and dendritic cells. Plasma Annexin-A1 reflects ongoing inflammation and an activated immune system, especially in cancer.

Plasma Annexin-A1 is a useful biomarker for immune-inflammatory states associated with infectious diseases, malignancy and autoimmunity. Annexin-A1 also has potential as a candidate therapeutic agent.



5-ELISA Factor VIII:Ag

Ref. No. 5D-55119

Complete **rapid ELISA** kit for the quantitative determination of **Factor VIII antigen** in plasma samples or in Factor VIII concentrates or biological fluids.

5-ELISA Factor VIII Plus (Ref. No. 5D-55120): version with calibrators and controls



5-ELISA Factor VII:Ag

Ref. No. 5D-55118

Complete ELISA kit for the quantitative determination of **Factor VII antigen**. For in vitro determination of Factor VII in human plasma or other biological fluids.

Detection limit 0.01 IU/mL.



5-ELISA Factor XI:Ag

Ref. No. 5D-55126

Complete ELISA kit for the quantitative determination of **Factor XI antigen**. For in vitro determination of Factor XI in human plasma or other biological fluids.



MATCHED PAIR ANTIBODIES

Matched capture and detecting antibodies for the preparation of ELISA assays. This paired antibody product is intended to facilitate the end user in establishing an in-house immunoassay for research purposes.

5D-18101	Anti-human Alpha 1 Antitrypsin, Matched Pair Antibodies for EIA
5D-18108	Anti-human b2-Glycoprotein-1 (APO-H), Matched Pair Antibodies for EIA
5D-18104	Anti-human Antithrombin, Matched Pair Antibodies for EIA
5D-18132	Anti-human Fibrinogen, Matched Pair Antibodies for EIA
5D-18164	Anti-human Prothrombin, Matched Pair Antibodies for EIA
5D-18116	Anti-human Factor V, Matched Pair Antibodies for EIA
5D-18118	Anti-human Factor VII, Matched Pair Antibodies for EIA
5D-18119	Anti-human Factor VIII:C, Matched Pair Antibodies for EIA
5D-18113	Anti-human Factor IX, Matched Pair Antibodies for EIA
5D-18121	Anti-human Factor X, Matched Pair Antibodies for EIA
5D-18126	Anti-human Factor XI, Matched Pair Antibodies for EIA
5D-18127	Anti-human Factor XII, Matched Pair Antibodies for EIA
5D-18128	Anti-human Factor XIII, Matched Pair Antibodies for EIA
5D-18158	Anti-human Protein C, Matched Pair Antibodies for EIA
5D-18154	Anti-human Plasminogen, Matched Pair Antibodies for EIA
5D-18226	Anti-human Prekallikrein, Matched Pair Antibodies for EIA
5D-18162	Anti-human Protein S, Matched Pair Antibodies for EIA
5D-18235	Anti-human Thrombin-Antithrombin Complex, Matched Pair Antibodies for EIA
5D-18250	Anti-human Tissue Plasminogen Activator, Matched Pair Antibodies for EIA
5D-18174	Anti-human von Willebrand Factor, Matched Pair Antibodies for EIA
5D-18120	Anti-canine Factor VIII:C, Matched Pair Antibodies for EIA
5D-18114	Anti-canine Factor IX, Matched Pair Antibodies for EIA
5D-18138	Anti-murine Fibrinogen, Matched Pair Antibodies for EIA

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