

Human Abnormal prothrombin ELISA Kit | APT elisa kit

Human Abnormal prothrombin ELISA Kit

CATALOG #
AAA86305

REACTIVITY
Human

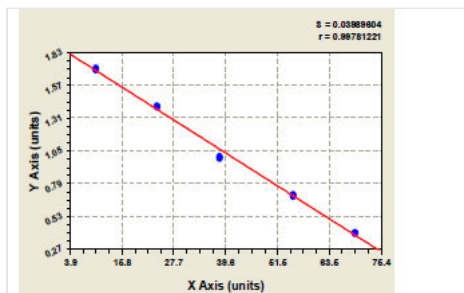
PRODUCT SYNONYMS

Abnormal prothrombin; Human Abnormal prothrombin ELISA Kit; APT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50 mg/dL
Sensitivity	0.1 mg/dL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APT elisa kit

Intended Uses: This APT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat APT. This ELISA kit for research use only!

Principle of the Assay: APT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-APT antibody and an APT-HRP conjugate. The assay sample and buffer are incubated together with APT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the APT concentration since APT from samples and APT-HRP conjugate compete for the anti-APT antibody binding site. Since the number of sites is limited, as more sites are occupied by APT from the sample, fewer sites are left to bind APT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APT concentration in each sample is interpolated from this standard curve.

Product Categories/Family for APT elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	159026652
UniProt Accession #	A8YBM1
Molecular Weight	18,922 Da
NCBI Official Full Name	apt
UniProt Protein Name	Adenine phosphoribosyltransferase
UniProt Gene Name	apt
UniProt Synonym Gene Names	IPF_3953; APRT
UniProt Entry Name	A8YBM1_MICAE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/apt-human-elisa-kits/abnormal-prothrombin/86305>