

Human Secreted phosphoprotein 24 ELISA Kit | SPP2 elisa kit

Human Secreted phosphoprotein 24 ELISA Kit

CATALOG #
AAA244522

REACTIVITY
Human

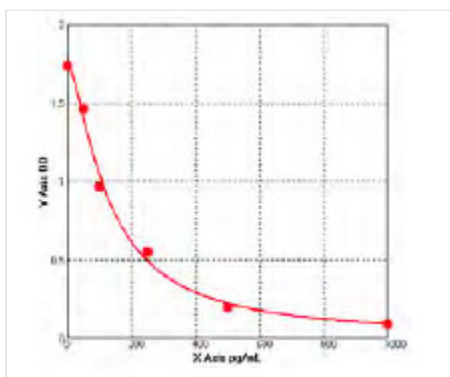
PRODUCT SYNONYMS

Secreted phosphoprotein 24; Human Secreted phosphoprotein 24 ELISA Kit; SPP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Human Serum
Sensitivity	1.0 U/ml.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPP2 elisa kit

Intended Uses: This Sphingomyelin IgG/M ELISA is a solid phase enzyme immunoassay with highly purified sphingomyelin and native human beta2-glycoprotein I for the quantitative and qualitative detection of IgG and/or IgM antibodies against sphingomyelin in human serum. These antibodies recognize specific epitopes on a complex composed out of sphingomyelin and beta2-glycoprotein I. For research use only.

Principle of the Assay: Serum samples diluted 1:101 are incubated in the microplates coated with the specific antigen. Antibodies, if present in the specimen, bind to the antigen. The unbound fraction is washed off in the following step. Afterwards anti-human immunoglobulins conjugated to horseradish peroxidase (conjugate) are incubated and react with the antigen-antibody complex of the samples in the microplates. Unbound conjugate is washed off in the following step. Addition of TMB-substrate generates an enzymatic colorimetric (blue) reaction, which is stopped by diluted acid (color changes to yellow). The intensity of color formation from the chromogen is a function of the amount of conjugate bound to the antigen-antibody complex and this is proportional to the initial concentration of the respective antibodies in the sample!!
Background/Introduction: Antibodies against sphingomyelin belong to the group of anti-phospholipid antibodies such as cardiolipin, phosphatidyl-serine,-inositol,-choline and phosphatidic acid. Phospholipids are components of biological membranes.

Product Categories/Family for SPP2 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902118
NCBI GeneID	6694
NCBI Accession #	NP_008875.1
NCBI GenBank Nucleotide #	NM_006944.2
Molecular Weight	24,338 Da
NCBI Official Full Name	secreted phosphoprotein 24
NCBI Official Synonym Full Names	secreted phosphoprotein 2, 24kDa
NCBI Official Symbol	SPP2
NCBI Official Synonym Symbols	SPP24; SPP-24
NCBI Protein Information	secreted phosphoprotein 24; secreted phosphoprotein 2, 24kD
UniProt Protein Name	Secreted phosphoprotein 24
UniProt Gene Name	SPP2
UniProt Synonym Gene Names	SPP24; Spp-24
UniProt Entry Name	SPP24_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/secreted-phosphoprotein-24/244522>