

Human secreted phosphoprotein 2, 24kDa ELISA Kit | SPP2 elisa kit

Human Secreted phosphoprotein 2, SPP2/SPP24 ELISA Kit

CATALOG #
AAA113095

REACTIVITY
Human

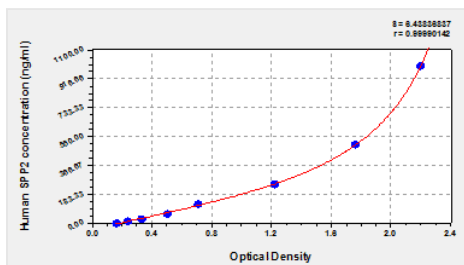
PRODUCT SYNONYMS

secreted phosphoprotein 2; 24kDa; Human Secreted phosphoprotein 2; SPP2/SPP24 ELISA Kit; Human Secreted phosphoprotein 2 (SPP2/SPP24) ELISA kit; SPP24; OTTHUMP00000065382; secreted phosphoprotein 24; SPP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SPP2. No significant cross-reactivity or interference between human SPP2 and analogues was observed.
Sequence Length	211
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	15.6 ng/ml-1000 ng/ml.
Sensitivity	3.9 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPP2 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SPP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPP2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SPP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5902118
NCBI GeneID	6694
NCBI Accession #	NP_008875.1
NCBI GenBank Nucleotide #	NM_006944.2
UniProt Accession #	Q13103; Q3B892; Q546M5; A4QMV3
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.

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Online datasheet: <https://stage.aaabiotech.com/spp2-human-elisa-kits/secreted-phosphoprotein-2-24kda/113095>