

Rat Secreted Phosphoprotein 24 (SPP2) ELISA Kit | SPP24 elisa kit

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CATALOG #
AAA330200

REACTIVITY
Rat

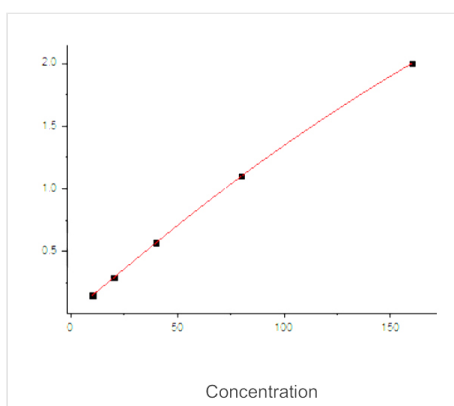
PRODUCT SYNONYMS

Secreted Phosphoprotein 24 (SPP2); Rat Secreted Phosphoprotein 24 (SPP2) ELISA Kit; SPP2; OTTHUMP00000065382; secreted phosphoprotein 24; SPP24 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Rat Secreted phosphoprotein 24 (SPP2) ELISA Kit has high sensitivity and excellent specificity for detection of Rat SPP2. No significant cross-reactivity or interference between Rat SPP2 and analogues was observed.
Sequence Length	203
Assay Type	Sandwich
Samples	Rat serum, cell culture supernates and other biological fluids
Detection Range	10 pg/ml - 160 pg/ml
Sensitivity	< 1pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPP24 elisa kit	Background: Secreted phosphoprotein 24 (spp24) is a member of the cystatin superfamily, which was first identified in cattle as a minor component of cortical bone and subsequently has been identified as a component of the fetuin-mineral complex. Principle of the Assay: Rat Secreted Phosphoprotein 24 (SPP2) ELISA Kit employs a two-site sandwich ELISA to quantitate SPP2 in samples. An 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, HRP-Conjugated Rat SPP2 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen 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 #	56961612
NCBI GeneID	94168
NCBI Accession #	NP_446029.1
NCBI GenBank Nucleotide #	NP_446029.1
UniProt Accession #	Q62740
NCBI Official Full Name	secreted phosphoprotein 24
NCBI Official Synonym Full Names	secreted phosphoprotein 2
NCBI Official Symbol	Spp2
NCBI Protein Information	secreted phosphoprotein 24
UniProt Protein Name	Secreted phosphoprotein 24
UniProt Gene Name	Spp2
UniProt Synonym Gene Names	Spp24; Spp-24
UniProt Entry Name	SPP24_RAT

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/spp24-rat-elisa-kits/secreted-phosphoprotein-24-spp2/330200>