

Rat alpha-fetoprotein ELISA Kit | AFP elisa kit

Rat Alpha-fetoprotein, AFP ELISA Kit

CATALOG #
AAA15053

REACTIVITY
Rat

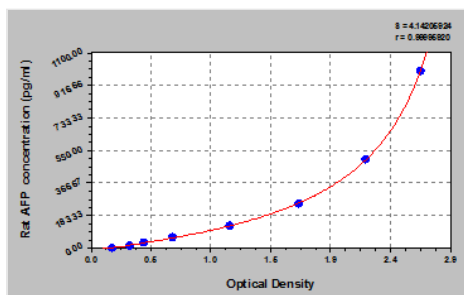
PRODUCT SYNONYMS

alpha-fetoprotein; Rat Alpha-fetoprotein; AFP ELISA Kit; FETA; HPAFP; OTTHUMP00000160480; alpha-1-fetoprotein; alpha-fetoglobulin; AFP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat AFP. No significant cross-reactivity or interference between rat AFP and analogues was observed.
Sequence Length	611
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/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 AFP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AFP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AFP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AFP 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 AFP 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 #	120044
NCBI GeneID	24177
UniProt Accession #	P02773; Q63032; Q63205
Molecular Weight	68,386 Da
NCBI Official Full Name	Alpha-fetoprotein
NCBI Official Synonym Full Names	alpha-fetoprotein
NCBI Official Symbol	Afp
NCBI Protein Information	alpha-fetoprotein; alpha-fetoglobulin; alpha-1-fetoprotein; chloride intracellular channel 6
UniProt Protein Name	Alpha-fetoprotein
UniProt Gene Name	Afp
UniProt Entry Name	FETA_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/afp-rat-elisa-kits/alpha-fetoprotein/15053>