

Rat Alpha-fetoprotein, AFP ELISA Kit | AFP elisa kit

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CATALOG #
AAA41559

REACTIVITY
Rat

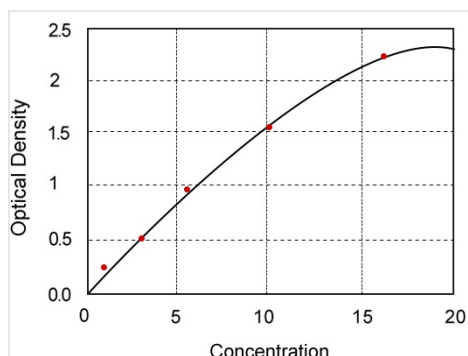
PRODUCT SYNONYMS

Alpha-fetoprotein; AFP; Rat Alpha-fetoprotein; AFP ELISA Kit; AFP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	609
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.01ng/ml - 3ng/ml
Sensitivity	0.004ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AFP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Alpha-fetoprotein (also known as AFP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat AFP antibody. AFP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat AFP Antibody is added and binds to AFP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AFP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat AFP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	178236
UniProt Accession #	P02771; B2RBU3
Molecular Weight	68,678 Da
NCBI Official Full Name	alpha-fetoprotein
UniProt Protein Name	Alpha-fetoprotein
UniProt Gene Name	AFP
UniProt Synonym Gene Names	HPAFP

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/rat-elisa-kits/alpha-fetoprotein-afp/41559>