

Human alpha-fetoprotein/AFP ELISA Kit | AFP elisa kit

Human alpha-fetoprotein/AFP ELISA Kit

CATALOG #
AAA281543

REACTIVITY
Human

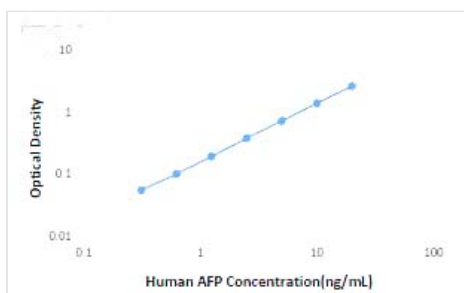
PRODUCT SYNONYMS

alpha-fetoprotein/AFP; Human alpha-fetoprotein/AFP ELISA Kit; AFP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AFP. No significant cross-reactivity or interference between AFP and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Sensitivity	< 0.35 ng/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level AFP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level AFP were tested on 3 different plates, 8 replicates in each plate. Inter-Assay: CV<12%

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. A monoclonal 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. Following incubation unbound samples are removed during a wash step, and then a detection antibody specific for AFP is added to the wells and binds to the combination of capture antibody AFP in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate is added. A colored product TMB is formed in proportion to the amount of AFP present in the sample. The reaction is terminated by addition of acid and absorbance is measured. A standard curve is prepared from seven AFP standard dilutions and AFP sample concentration determined.

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.

