

Simian aFP (Alpha-Fetoprotein) ELISA Kit | aFP elisa kit

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CATALOG #
AAA275689

REACTIVITY
Simian

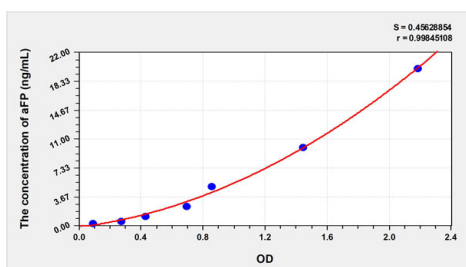
PRODUCT SYNONYMS

aFP (Alpha-Fetoprotein); Simian aFP (Alpha-Fetoprotein) ELISA Kit; A-FP; FETA; HPAPF; Alpha-Fetoglobulin; Alpha-1-fetoprotein; aFP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Simian
Specificity	This assay has high sensitivity and excellent specificity for detection of Simian aFP. No significant cross-reactivity or interference between Simian aFP and analogues was observed.
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.118 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 intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for aFP elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Alpha-Fetoprotein(aFP). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Alpha-Fetoprotein(aFP). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Alpha-Fetoprotein(aFP), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Alpha-Fetoprotein(aFP) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for aFP elisa kit

[Tumor immunity](#); [Hepatology](#)

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://www.aaabiotech.com/simian-elisa-kits/afp-alpha-fetoprotein/275689>