

Product datasheet for **EA200031**

Human alpha 1 Fetoprotein (AFP) ELISA Kit 1 x 96

Product data:

Product Type:	ELISA Kits
Description:	Human alpha 1 Fetoprotein (AFP) ELISA Kit 1 x 96
Size:	1 x 96 wells
Format:	8x12 divisible strips
Assay Type:	Sandwich
Assay Length:	3.5 hours incubations; 0.5 hour washing and analyzing samples
Signal:	Colorimetric
Sample Type:	Human serum, plasma and other biological fluids.
Sample Volume:	100µl
Specificity:	This kit is used for quantitative detection of AFP
Sensitivity:	0.13ng/ml
Reactivity:	Human
Cross Reactivity:	There is no detectable cross-reactivity with other relevant proteins.
Interference:	No significant interference observed with available related molecules.
Components:	<ul style="list-style-type: none">• AFP Antibody Coated 96-well Plate in foil pouch with desiccant 1 plate• Recombinant Human AFP Standard (1.25µg/ml) 0.1 mL• 100x Biotin conjugated AFP Detection Antibody 0.12 mL• 100x SA-HRP Conjugate 0.12 mL• Assay Buffer 30 mL• Standard & Sample Diluent 30 mL• Wash Buffer Concentrate 20X 60 mL• TMB Substrate 12 mL• Stop Solution 12 mL• Plate Sealer 3 pieces



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Background:

Alpha-fetoprotein (AFP) is a protein encoded by the AFP gene. AFP is a glycoprotein of 591 amino acids, found in monomeric, dimeric and trimeric forms. AFP is a major plasma protein produced by the yolk sac and the fetal liver during fetal development. AFP binds to copper, nickel, fatty acids and bilirubin. Serum AFP level is elevated in people with developmental birth defects such as omphalocele, gastroschisis and neural tube defects, hepatocellular carcinoma, metastatic disease affecting the liver, yolk sac tumor, nonseminomatous germ cell tumors, and ataxia telangiectasia. AFP has been used as a biomarker to these diseases.

Gene Symbol:

AFP

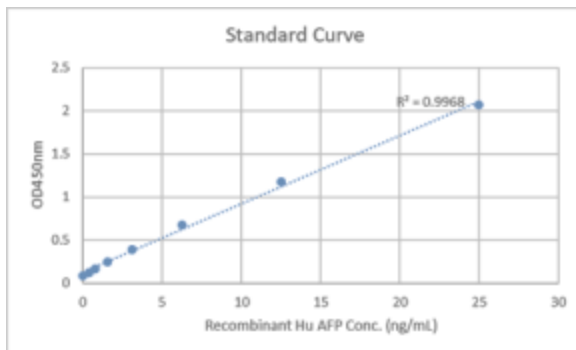
Gene ID:

174

Standard Curve:

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Data image of Human alpha 1 Fetoprotein (AFP) ELISA Kit.

Product images:

Data image of Human alpha 1 Fetoprotein (AFP) ELISA Kit.