alpha-Fetoprotein/AFP Monoclonal Antibody(Detector)

catalog number: AN001550P

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*
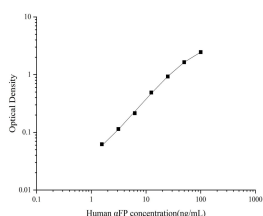
Description

Reactivity	Human
Immunogen	Human AFP Native Protein
Host	Mouse
Isotype	Mouse IgGl
Clone	6C1
Purification	Protein A/G Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300.

Applications

Applications	Recommended Dilution
ELISA Detector	0.1-0.4 μg/mL

Data

Sandwich ELISA-Human AFP Native Protein standard curve.Background subtracted standard curve using alpha-Fetoprotein/AFP antibody(AN001540P)(Capture),alpha-Fetoprotein/AFP antibody(AN001550P)(Detector) in sandwich ELISA.The reference range value for Human AFP Native Protein is 1.56-100 ng/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

alpha-Fetoprotein (AFP),is albuminoid superfamily protein that is synthesized in the fetus primarily by the liver,yolk sac, and tissues of gastrointestinal origin. It is one of the earliest markers of the hepatocyte lineage. AFP acts as a carrier protein for steroids,bilirubin,fatty acids,retinoids,and flavonoids. In addition,it can exert immunosuppressive activity, regulate cell proliferation and apoptosis,initiate intracellular signaling,and contribute to cell invasion. Altered levels of both fetal and maternal AFP have been associated with hypothyroidism,autoimmune disorders,and heart defects. low maternal serum AFP levels are associated with a higher incidence of Down syndrome,whereas higher levels are associated with spina bifida and anencephaly. Elevated AFP levels are also coincident with liver,stomach,and germ cell cancers.

Toll-free: 1-888-852-8623
Web:www.elabscience.com
Tel: 1-832-243-6086
Email:techsupport@elabscience.com
Fax: 1-832-243-6017
Rev. V1.7