

ANTIGENIX AMERICA Inc.

PRODUCT INFORMATION SUMMARY

Matched Antibody Pair

Anti-Human-AFP

(Alpha FetoProtein)

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|---------------------------------|-----------|---------|--------|
| Purified Antibody | MP700120C | Capture | 0.5 mg |
| Purified Antibody-HRP Conjugate | MP700120T | Tracer | 0.2 mL |

SPECIFICITY:

Human Alpha Fetoprotein (**AFP**), is a 70.0 kDa glycoprotein expressed primarily in the fetal liver. This can be found in fetal plasma, but decreases rapidly after birth. AFP can be measured in serum of pregnant women, and can be a marker of certain birth defects like Neural tube defect, and Downs syndrome. Elevated levels in men and children and non-pregnant women is a marker for neoplastic conditions like cancers of liver, ovary or testicle.

CLONES: AA1, AA2

Derived from hybridization of murine myeloma (SP2/0) cells with spleen cells from mice immunized with purified, human AFP isolated from amniotic fluid.

Form: **Capture:** lyophilized, additive-free.

After reconstitution- STORE aliquots @ -20 Deg. C.

Tracer: HRP labeled, concentrate with 50% glycerol.
STORE @ -20 Deg. C.

APPLICATIONS:

A laboratory qualified, matched monoclonal antibody pair for ELISA development is provided. One purified, lyophilized, antibody for "Capture" and HRP-labelled - "Tracer" antibody.

Capture: Reconstitute with 0.5 mL distilled water.
Coat microwells at 100 uL per well.
Approx. Concentration : 2.0 - 5.0 ug/mL Optimize

Tracer (HRP): Concentrate: working dilution
approx 1:1000 - 1:1500 (optimize)
Store aliquots @ -20 Deg. C.

CROSS-REACTIVITY: No measurable reactivity with normal serum proteins

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