

ELISA Kit for Fetal Hemoglobin (HBF)

Catalog No: tcue712



Available Sizes

Size: 96T



Specifications

Research Area:

Hematology;

Species Reactivity:

Homo sapiens (Human)

Sample Type:

serum, plasma, erythrocyte lysates and other biological fluids

Sensitivity:

The minimum detectable dose of this kit is typically less than 0.99ng/mL

Detection Range:

2.47-200ng/mL

Assay Time:

2h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

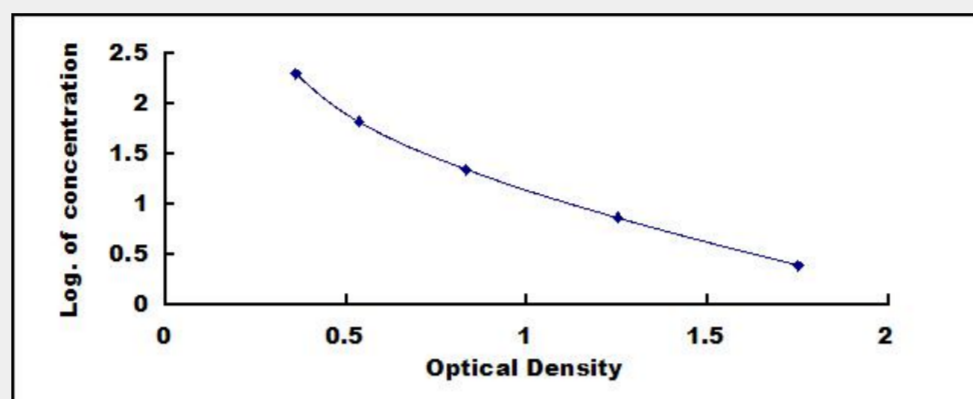
Tested Application:

ELISA

Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Fetal Hemoglobin (HBF) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Fetal Hemoglobin (HBF) and unlabeled Fetal Hemoglobin (HBF) (Standards or samples) with the pre-coated antibody specific to Fetal Hemoglobin (HBF). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Fetal

Hemoglobin (HBF) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Fetal Hemoglobin (HBF) in the sample.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!