

Datasheet for ABIN5026956
HIF1A ELISA Kit



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1 Image

Overview

Quantity:	96 tests
Target:	HIF1A
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.156-10 ng/mL
Minimum Detection Limit:	0.156 ng/mL
Application:	ELISA

Product Details

Purpose:	This immunoassay kit allows for the in vitro quantitative determination of Human HIF1Alpha concentrations in serum, plasma and other biological fluids.
Sample Type:	Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	< 0.094 ng/mL
Components:	plate, standard, diluent, antibodies
Material not included:	pipettes, tubes, reader, incubator

Target Details

Target:	HIF1A
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Target Details

Alternative Name: Hif1 Alpha ([HIF1A Products](#))

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Regulation of Hormone Metabolic Process](#), [Regulation of Hormone Biosynthetic Process](#), [Cellular Response to Molecule of Bacterial Origin](#), [Carbohydrate Homeostasis](#), [Transition Metal Ion Homeostasis](#), [Tube Formation](#), [Regulation of Carbohydrate Metabolic Process](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [VEGFR1 Specific Signals](#), [Warburg Effect](#)

Application Details

Sample Volume: 100 µL

Assay Time: 3 - 4 h

Plate: Pre-coated

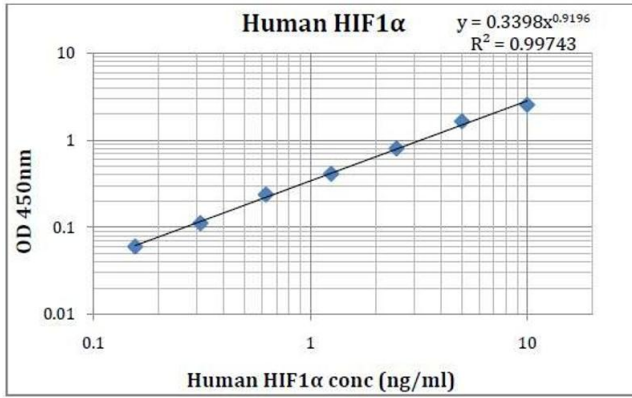
Protocol: This assay employs an antibody specific for Anti-human HIF1Alpha coated on a 96-well plate. Standards and samples are pipetted into the wells and HIF1Alpha present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-human HIF1Alpha antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of HIF1Alpha bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Restrictions: For Research Use only

Handling

Precaution of Use: protect your eyes

Storage: 4 °C



ELISA

Image 1.