

Datasheet for ABIN5524609

HIF1A ELISA Kit



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1 Image **2** Publications

Overview

Quantity:	96 tests
Target:	HIF1A
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	7.81 pg/mL - 500 pg/mL
Minimum Detection Limit:	7.81 pg/mL
Application:	ELISA

Product Details

Purpose:	For quantitative detection in serum, plasma, tissue homogenates and other biological fluids.
Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	HIF-1α/HIF1A/ARNT-interacting protein/Basic-helix-loop-helix-PAS protein MOP1/BHLHE78/Class E basic helix-loop-helix protein 78/HIF-1-alpha/HIF1-alpha/hypoxia-inducible factor 1-alpha/Member of PAS protein 1/member of PAS superfamily 1/PAS domain-containi
Sensitivity:	4.688 pg/mL
Components:	- ELISA Microplate - Lyophilized Standard - Sample / Standard Dilution Buffer

Product Details

- Biotin-labeled Antibody (Concentrated)
- Antibody Dilution Buffer
- HRP-Streptavidin Conjugate(SABC)
- SABC Dilution Buffer
- TMB Substrate
- Stop Solution
- Wash Buffer (25X)
- Plate Sealer
- Product Description

Target Details

Target:	HIF1A
Alternative Name:	HIF-1alpha (HIF1A Products)
Background:	HIF-1α/HIF1A/ARNT-interacting protein/Basic-helix-loop-helix-PAS protein MOP1/BHLHE78/Class E basic helix-loop-helix protein 78/HIF-1-alpha/HIF1-alpha/hypoxia-inducible factor 1-alpha/Member of PAS protein 1/member of PAS superfamily 1/PAS domain-containi
UniProt:	O35800
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

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Sandwich ELISA, Double Antibody
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

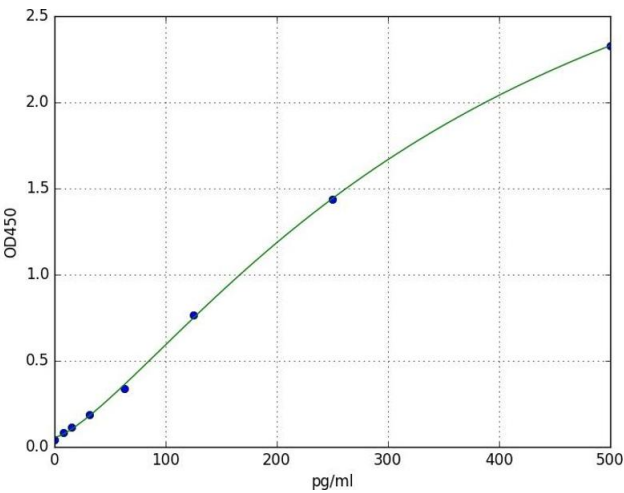
Handling

Storage:	4 °C
Storage Comment:	4 °C for 6 months
Expiry Date:	6 months

Publications

Product cited in:	Singh, Krishan: "Cobalt treatment does not prevent glomerular morphological alterations in type 1 diabetic rats." in: Naunyn-Schmiedeberg's archives of pharmacology, Vol. 391, Issue 9, pp. 933-944, (2018) (PubMed). Krishan, Singh, Bedi: "Carbohydrate restriction ameliorates nephropathy by reducing oxidative stress and upregulating HIF-1α levels in type-1 diabetic rats." in: Journal of diabetes and metabolic disorders, Vol. 16, pp. 47, (2017) (PubMed).
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Images



ELISA

Image 1. A typical standard curve