

Product Datasheet

HIF-1 alpha Transcription Factor Assay Kit (Colorimetric) KA1321

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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KA1321**HIF-1 alpha Transcription Factor Assay Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Description	HIF1A Transcription Factor Assay Kit is a colorimetric method for determining HIF-1-alpha DNA binding activity.
Gene ID	3091
Gene Symbol	HIF1A
Species	Human
Kit Components	Transcription Factor Binding Assay Buffer (4X), Transcription Factor Reagent A, Transcription Factor HIF-1a Positive Control, Transcription Factor Antibody Binding Buffer (10X), Transcription Factor HIF-1a Primary Antibody, Wash Buffer Concentrate (400X), Polysorbate 20, Transcription Factor HIF-1a Competitor dsDNA, Transcription Factor Goat Anti-Rabbit HRP Conjugate, Transcription Factor HIF-1a 96-Well Strip Plate, 96-Well Cover Sheet, Transcription Factor Developing Solution, Transcription Factor Stop Solution
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Assay Type	Colorimetric
Suitable Sample Type	Nuclear Extracts
Sample Volume	10 uL/well. All samples should be assayed in duplicate at minimum.
Product Application Details	
Applications	Functional, Quantification
Recommended Dilutions	Functional, Quantification

Publications

Tandrasasmita OM and Tjandrawinata RR. Upregulation of endogenous erythropoietin expression by DLBS6747, a bioactive fraction of Ipomoea batatas L. leaves, via increasing HIF1 α transcription factor in HEK293 kidney cells. J Ethnopharmacol. 2016-10-05 [PMID: 30685435]

Heun Y, Pogoda K, Anton M et al. HIF-1a Dependent Wound Healing Angiogenesis In Vivo Can Be Controlled by Site-Specific Lentiviral Magnetic Targeting of SHP-2. Mol Ther 2017-04-20 [PMID: 28434868]

Zhou Y, Li X, Zhang C et al. Hydrogen sulfide promotes angiogenesis by down-regulating miR-640 via the VEGFR2/mTOR pathway. Am J Physiol Cell Physiol 2015-11-25 [PMID: 26879375]





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Products Related to KA1321

H00003091-P01-10ug	Recombinant Human HIF-1 alpha GST (N-Term) Protein
NB100-105	HIF-1 alpha Antibody (H1alpha67)
NB100-479	HIF-1 alpha Antibody - BSA Free
NB100-122	HIF-2 alpha/EPAS1 Antibody - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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