

HIF1A Transcription Factor Assay Kit

Catalog # KA1321 Size 1 Kit

Specification

Product Description	HIF1A Transcription Factor Assay Kit is a colorimetric method for determining HIF-1-alpha DNA binding activity.
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at -20°C temporarily. For long term storage, the positive control should be stored at -80°C. For best results, store the components as described in the protocol.
Note	Result Data

Applications

- Functional Study

Publication Reference

- [Upregulation of endogenous erythropoietin expression by DLBS6747, a bioactive fraction of Ipomoea batatas L. leaves, via increasing HIF1α transcription factor in HEK293 kidney cells.](#)

Berlian G, Tandrasasmita OM, Tjandrawinata RR.

Journal of Ethnopharmacology 2019 Jan; 235:190.

Application: Func, Quant, Human, HEK 293 cells

- [HIF-1α Dependent Wound Healing Angiogenesis In Vivo Can Be Controlled by Site-Specific Lentiviral Magnetic Targeting of SHP-2.](#)

Heun Y, Pogoda K, Anton M, Pircher J, Pfeifer A, Woernle M, Ribeiro A, Kameritsch P, Mykhaylyk O, Plank C, Kroetz F, Pohl U, Mannell H.

Molecular Therapy 2017 Apr; 25(7):1616.

Application: Func, Human, Human microvascular endothelial cells

- [Hydrogen sulfide promotes angiogenesis by down-regulating miR-640 via the VEGFR2/mTOR pathway.](#)

Zhou Y, Li X, Zhang C, Wang M, Xue W, Wu D, Ma F, Li W, Tao B, Zhu Y.

American Journal of Physiology. Cell Physiology 2016 Feb; 310(4):C305.

Application: Func, Human, HUVECs