

Product Datasheet

Rat iNOS ELISA Kit (Colorimetric) NBP2-80257

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 5

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NBP2-80257**Rat iNOS ELISA Kit (Colorimetric)**

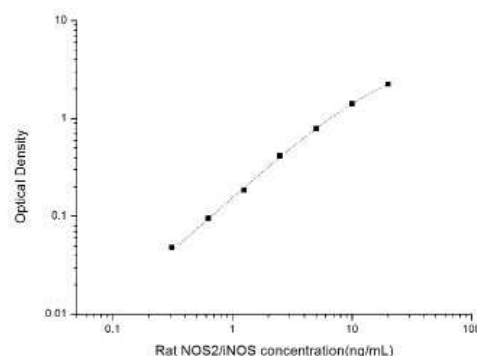
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Target Molecular Weight	131 kDa

Product Description	
Gene ID	4843
Gene Symbol	NOS2
Species	Rat
Specificity/Sensitivity	This kit recognizes Rat NOS2/iNOS in samples. No significant cross-reactivity or interference between Rat NOS2/iNOS and analogues was observed.
Kit Components	Micro ELISA Plate(Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100X), Concentrated HRP Conjugate (100X), Reference Standard and Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25X), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis
Standard Curve Range	0.313-20 ng/mL
Sensitivity	0.188 ng/mL
Inter Assay	CV% < 5.99%
Intra Assay	CV% < 6.21%
Assay Type	Sandwich-ELISA
Spiking Recovery	86-102%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 ul

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Rat iNOS ELISA Kit (Colorimetric) [NBP2-80257] - Standard Reference Curve



Publications

Sayed DF, Mohamed MA, Nada AS et al. Hepatoprotective role of myricitrin isolated from Mimosa elengi Linn. leaves extract on γ -radiation-induced liver damage in rats: Phyto-biochemical investigations Cell biochemistry and function 2023-06-21 [PMID: 37342005] (ELISA)

Abdel-Rafei MK, Thabet NM, Amin MM Concerted regulation of OPG/RANKL/ NF kappa B/MMP-13 trajectories contribute to ameliorative capability of prodigiosin and/or low dose gamma-radiation against adjuvant- induced arthritis in rats International immunopharmacology 2022-08-06 [PMID: 35944459] (In-vitro, Human)

Mohamed B, Ismail R, Saleh I et al. Olmesartan Ameliorates Cyclophosphamide-induced Hemorrhagic Cystitis in Rats via Nrf2/HO-1 Signaling Pathway Tissue and Cell 2022-07-01 [PMID: 35930992] (ELISA)

Details:

Adult male Wistar rats

Hussein RM, Kandeil MA, Mohammed NA, Khallaf RA Evaluation of the hepatoprotective effect of curcumin-loaded solid lipid nanoparticles against paracetamol overdose toxicity: Role of inducible nitric oxide synthase Journal of liposome research 2022-02-08 [PMID: 35132919] (ELISA)

Zhang Y, Zhang X, Cao Z Et al. Endothelial cell-derived SSAO can increase MLC20 phosphorylation in VSMCs Open Life Sciences 2021-10-21 [PMID: 34722886] (ELISA)





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Products Related to NBP2-80257

H00004843-Q01-10ug	Recombinant Human iNOS GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NB300-605	iNOS Antibody - BSA Free
D6050	IL-6 [HRP]

Limitations

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

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