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Datasheet for ABIN6955552

Endorphin beta (beta-EP) ELISA Kit

Overview

Description:	Endorphin beta (beta-EP) ELISA Kit - ABIN6955552
Item No.:	ABIN6955552
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	12.35 pg/mL - 1000 pg/mL

Product Details

Background:	This gene encodes a polypeptide hormone precursor that undergoes extensive, tissue-specific, post-translational processing via cleavage by subtilisin-like enzymes known as prohormone convertases.
Synonyms:	beta-EP
Detection Kit Type:	ELISA Kit
Detection Range:	12.35 pg/mL - 1000 pg/mL
Sensitivity:	5.11 pg/mL

Target Details

Reactivity:	Human
Purity/Specificity:	This assay has high sensitivity and excellent specificity for detection of Beta-Endorphin (bEP)
Relevant Links:	• protocol

Application Details

Tested Applications:	ELISA

Application Note:	The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of bEP in human serum, plasma, cerebrospinal fluid. Components: Pre-coated, ready to use 96-well strip plate, Plate sealer for 96 wells, Reference Standard, Standard Diluent, Detection Reagent A, Detection Reagent B, Assay Diluent A, Assay Diluent B, Reagent Diluent (if Detection Reagent is lyophilized), TMB Substrate, Stop Solution, Wash Buffer (30 x concentrate), Instruction manual
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

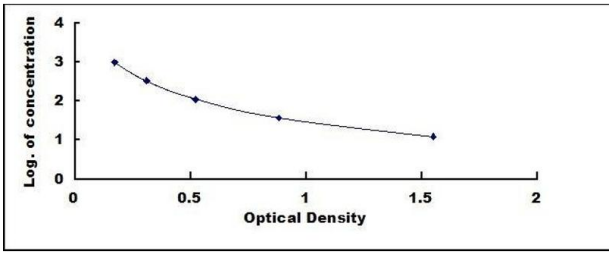
Formulation

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	All reagents should be stored according to the labels on the vials.
Expiration:	Expiration date is six (6) months from date of receipt.

Images

ELISA
Typical standard curve



References

- Pham A et al. Prospective evaluation of cerebrospinal fluid concentrations of β-Endorphin as a predictor of opioid use after scheduled cesarean delivery. *BMC Pregnancy Childbirth.* (2025)
- Stone AL et al. Interactions Between Endocannabinoid and Endogenous Opioid Systems Prospectively Influence Postoperative Opioid Use in Pregnant Patients Undergoing Cesarean Delivery. *J Pain.* (2024)

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