

Product Datasheet

Human BPDE ELISA Kit (Colorimetric) NBP2-70012

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 1

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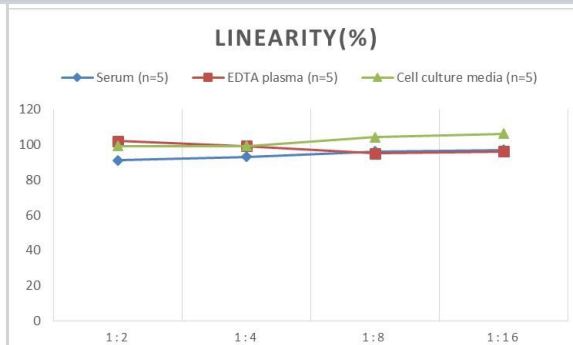
NBP2-70012**Human BPDE ELISA Kit (Colorimetric)**

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.
Product Description	
Species	Human
Specificity/Sensitivity	This kit recognizes Human BPDE in samples. No significant cross-reactivity or interference between Human BPDE and analogues was observed.
Kit Components	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
Standard Curve Range	15.63 - 1000 ng/mL
Sensitivity	9.38 ng/mL
Inter Assay	CV% < 5.17%
Intra Assay	CV% < 5.54%
Assay Type	Competitive-ELISA
Spiking Recovery	89-108%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

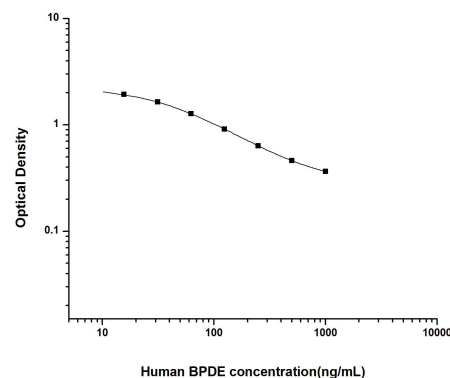


Images

ELISA: Human BPDE ELISA Kit (Colorimetric) [NBP2-70012] - Samples were spiked with high concentrations of Human BPDE and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human BPDE ELISA Kit (Colorimetric) [NBP2-70012] - Standard Curve Reference



Publications

Meng X, Li S, Shi M et al. Identification of a tobacco-smoking induced mutation signature with biological and clinical significance in bladder cancer Research Square 2022-02-08 (ELISA)



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Products Related to NBP2-70012

NBP3-11199	BPDE Antibody (8E11)
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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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