

# Product Datasheet

## Human CD3 epsilon ELISA Kit (Colorimetric) NBP2-75143

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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Updated 10/23/2024 v.20.1

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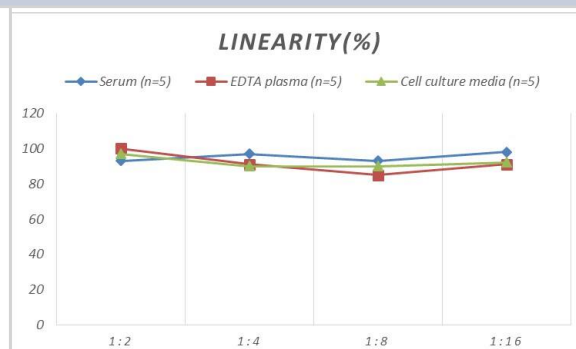


**NBP2-75143****Human CD3 epsilon ELISA Kit (Colorimetric)**

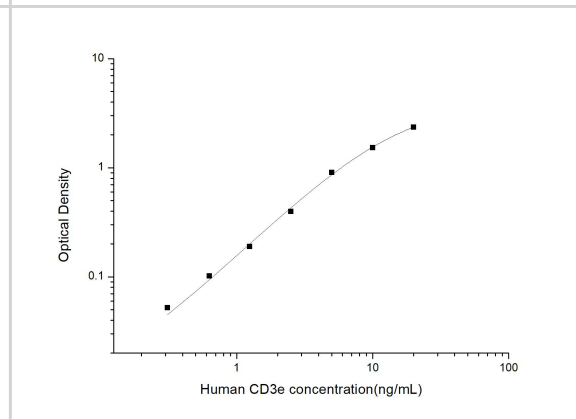
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	916
<b>Gene Symbol</b>	CD3E
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This kit recognizes Human CD3e in samples. No significant cross-reactivity or interference between Human CD3e and analogues was observed.
<b>Kit Components</b>	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
<b>Standard Curve Range</b>	0.31 - 20 ng/mL
<b>Sensitivity</b>	0.19 ng/mL
<b>Inter Assay</b>	CV% < 5.36%
<b>Intra Assay</b>	CV% < 5.13%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	84-106%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Human CD3 epsilon ELISA Kit (Colorimetric) [NBP2-75143] - Samples were spiked with high concentrations of Human CD3 epsilon and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human CD3 epsilon ELISA Kit (Colorimetric) [NBP2-75143] - Standard Curve Reference



## Publications

Takahashi H, KUhtreiber WM, Keefe RC et al. BCG vaccinations drive epigenetic changes to the human T cell receptor: Restored expression in type 1 diabetes Science advances 2022-11-18 [PMID: 36383663] (ELISA, Human)



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### **Products Related to NBP2-75143**

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NBP2-22752	Recombinant Human CD3 epsilon His Protein
210-TA-005	TNF-alpha [Unconjugated]
MAB484-100	CD3 epsilon Antibody (145-2C11) [Unconjugated]
285-IF-100	IFN-gamma [Unconjugated]

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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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