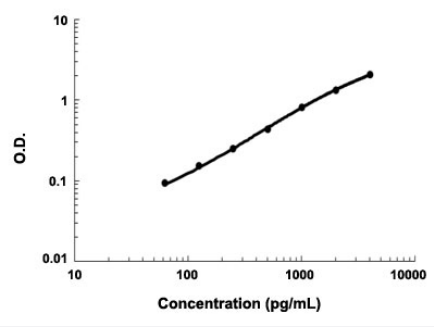
CSTB (Human) ELISA Kit

Catalog # KA4256 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	CSTB (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CSTB.
Suitable Sample	Cell culture supernates, Human milk, Plasma (EDTA, heparin), Saliva, Serum and Urine
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	62.5 to 4000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — CSTB

Entrez GeneID	1476
Gene Name	CSTB
Gene Alias	CST6, EPM1, PME, STFB
Gene Description	cystatin B (stefin B)
Omim ID	254800 601145
Gene Ontology	Hyperlink
Gene Summary	The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. So me of the members are active cysteine protease inhibitors, while others have lost or perhaps nev er acquired this inhibitory activity. There are three inhibitory families in the superfamily, including t he type 1 cystatins (stefins), type 2 cystatins and kininogens. This gene encodes a stefin that funct ions as an intracellular thiol protease inhibitor. The protein is able to form a dimer stabilized by no ncovalent forces, inhibiting papain and cathepsins l, h and b. The protein is thought to play a role i n protecting against the proteases leaking from lysosomes. Evidence indicates that mutations in t his gene are responsible for the primary defects in patients with progressive myoclonic epilepsy (EPM1). [provided by RefSeq
Other Designations	CPI-B|cystatin B|liver thiol proteinase inhibitor|stefin B

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Epilepsy

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