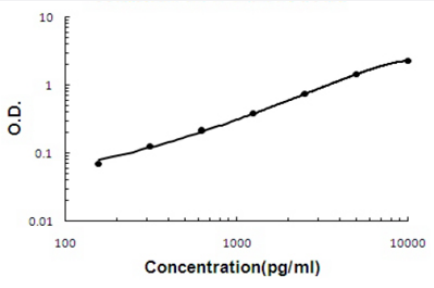
IDS (Human) ELISA Kit

Catalog # KA5131 Size 1 Kit

Applications



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

Specification

Product Description	IDS (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detection of human IDS in cell culture supernates, cell lysates, serum and plasma (heparin, EDTA).
Suitable Sample	Cell culture supernates, cell lysates, serum and plasma (heparin, EDTA)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Storage Instruction	Store at 4°C for six months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

Applications

- Quantification

Gene Info — IDS

Entrez GeneID	3423
Gene Name	IDS
Gene Alias	MPS2, SIDS
Gene Description	iduronate 2-sulfatase
Omim ID	309900
Gene Ontology	Hyperlink
Gene Summary	Iduronate-2-sulfatase is required for the lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations in this X-chromosome gene that result in enzymatic deficiency lead to the sex-linked Mucopolysaccharidosis Type II, also known as Hunter Syndrome. Iduronate-2-sulfatase has a strong sequence homology with human arylsulfatases A, B, and C, and human glucosamine-6-sulfatase. A splice variant of this gene has been described. [provided by RefSeq
Other Designations	Hunter syndrome|OTTHUMP00000024207|OTTHUMP00000024210|alpha-L-iduronate sulfate sulfatase|iduronate-2-sulfatase|idursulfase

Pathway

- Glycosaminoglycan degradation
- Lysosome
- Metabolic pathways

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema