

# Mouse IDS ELISA Kit

Catalog No: #EK5681

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## Description

Product Name	Mouse IDS ELISA Kit
Specificity	Mouse
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	NSO,T36-P552
Other Names	Iduronate 2-sulfatase; 3.1.6.13; Alpha-L-iduronate sulfate sulfatase; Ids;
Accession No.	Q08890
Uniprot	Q08890
GeneID	15931;
Cell Localization	Lysosome.

## Application Details

sensitivity:15pg mlDetect Range:156pg ml-10000pg ml  
sample\_type:cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA).  
capture\_antibody:detection\_antibody:gene\_name:Idsprotein\_name:Iduronate 2-sulfatasegene\_full\_name:Iduronate 2-sulfatasetissue\_specificity:  
Found to be expressed in alpha and betapancreatic cells..sequence\_similarities:tmb\_incubation:20-25minresearch\_category:IDS

## Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse IDS

## Background

protein\_function: Required for the lysosomal degradation of heparansulfate and dermatan sulfate..Iduronate 2-sulfatase (IDS) is a sulfatase enzyme associated with Hunter syndrome. It encodes a member of the sulfatase family of proteins. Iduronate 2-sulfatase is involved in the lysosomal degradation of the glycosaminoglycans heparan sulfate and dermatan sulfate. The encoded preproprotein is proteolytically processed to generate two polypeptide chains. Mutations in this gene are associated with the X-linked lysosomal storage disease mucopolysaccharidosis type II, also known as Hunter syndrome. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed.

Note: This product is for in vitro research use only