

Alpha-L-Iduronidase (IDUA)

Product Information

Cat#	DIA-613
Descriptions	Alpha-L-Iduronidase (IDUA) functions to hydrolyze iduronic acid-containing glycosaminoglycans, participating in intracellular polysaccharide degradation and applied in related genetic metabolic disease research.
Applications	Alpha-L-Iduronidase (IDUA) is used for mucopolysaccharidosis type I detection kit development and lysosomal enzyme activity assay reagent preparation.
CAS No.	32-1-7655
Enzyme Commission Number	EC 3.2.1.76
Enzyme Source	Trichoplusia ni, High Five (baculovirus)-derived human alpha-L-Iduronidase/IDUA protein.
Reaction	Hydrolysis of unsulfated alpha-L-iduronosidic linkages in dermatan sulfate.
Activity Definition	Measured by its ability to cleave a fluorogenic substrate, 4-Methylumbelliferyl alpha -L-iduronide under the described conditions.