

Arylsulfatase B (ARSB)

Product Information

Cat#	DIA-630
Descriptions	Arylsulfatase B (ARSB) specifically hydrolyzes sulfate ester bonds in chondroitin sulfate, participates in glycosaminoglycan degradation pathways, and acts as a key target for mucopolysaccharidosis pathological research and clinical detection development.
Applications	Arylsulfatase B (ARSB) serves as a key raw material for mucopolysaccharidosis type VI detection kits and glycosaminoglycan metabolism assay reagent development.
CAS No.	31-6-1261
Enzyme Commission Number	EC 3.1.6.12
Enzyme Source	Chinese Hamster Ovary cell line, CHO-derived human Arylsulfatase B/ARSB protein.
Reaction	Hydrolysis of the 4-sulfate groups of the N-acetyl-D-galactosamine 4-sulfate units of chondroitin sulfate and dermatan sulfate.
Activity Definition	Measured by its ability to hydrolyze the substrate 4-Nitrocatechol Sulfate (PNCS) under the described conditions.