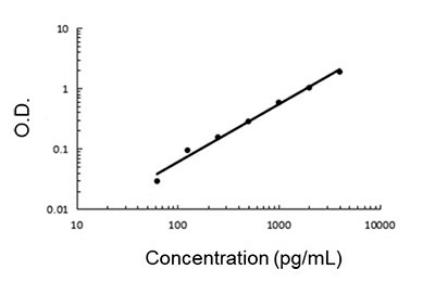
# ARSB (Human) ELISA Kit

Catalog # KA5931 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** | ARSB (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detecti on of human ARSB in cell culture supernates, serum and plasma (heparin, EDTA, citrate). |
| **Suitable Sample** | Cell culture supernates, serum and plasma (heparin, EDTA, citrate) |
| **Sample Volume** | 100 uL |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 62.5 to 4000 pg/mL |
| **Reactivity** | Human |
| **Regulatory Status** | For research use only (RUO) |
| **Quality Control Testing** | Standard curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknown s. A standard curve should be generated each time the assay is performed. |
| **Storage Instruction** | Store at 4°C for six months. For long term storage store at -20°C.<br>Avoid repeated freezing and thawing. |

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## Applications

- Quantification

## Gene Info — ARSB

| | |
|---|---|
| **Entrez GeneID** | 411 |
| **Protein Accession#** | P15848 |
| **Gene Name** | ARSB |
| **Gene Alias** | ASB, G4S, MPS6 |
| **Gene Description** | arylsulfatase B |
| **Omim ID** | 253200 611542 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | Arylsulfatase B encoded by this gene belongs to the sulfatase family. The arylsulfatase B homodi mer hydrolyzes sulfate groups of N-Acetyl-D-galactosamine, chondriotin sulfate, and dermatan sul fate. The protein is targetted to the lysozyme. Mucopolysaccharidosis type VI is an autosomal rec essive lysosomal storage disorder resulting from a deficiency of arylsulfatase B. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq |
| **Other Designations** | N-acetylgalactosamine-4-sulfatase\|OTTHUMP00000135268 |

## Pathway

- Glycosaminoglycan degradation
- Lysosome
- Metabolic pathways

## Disease

- Cardiovascular Diseases

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- Diabetes Mellitus
- Edema
- Tobacco Use Disorder

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