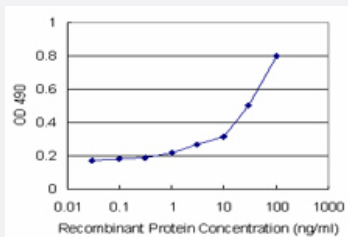


AKR1D1 (Human) Matched Antibody Pair

Catalog # H00006718-AP21 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human AKR1D1.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00006718-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-AKR1D1 (100 ug) 2. Detection antibody: mouse polyclonal anti-AKR1D1 (40 ul) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

Gene Info — AKR1D1

Entrez GeneID	6718
Gene Name	AKR1D1
Gene Alias	3o5bred, SRD5B1
Gene Description	aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase)
Omim ID	604741
Gene Ontology	Hyperlink
Gene Summary	The enzyme encoded by this gene is responsible for the catalysis of the 5-beta-reduction of bile acid intermediates and steroid hormones carrying a delta(4)-3-one structure. Deficiency of this enzyme may contribute to hepatic dysfunction. [provided by RefSeq]
Other Designations	aldo-keto reductase family 1, member D1 steroid 5-beta-reductase steroid-5-beta-reductase, beta polypeptide 1 (3-oxo-5 beta-steroid delta 4-dehydrogenase beta 1)

Pathway

- [Androgen and estrogen metabolism](#)
- [C21-Steroid hormone metabolism](#)
- [Metabolic pathways](#)
- [Primary bile acid biosynthesis](#)

Disease

- [Tobacco Use Disorder](#)