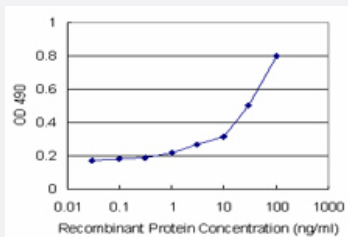


# AKR1D1 (Human) Matched Antibody Pair

Catalog # H00006718-AP21      Size 1 Set

## Applications



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

## Specification

<b>Product Description</b>	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human AKR1D1.
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Standard curve using recombinant protein ( H00006718-P01 ) as an analyte. Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.
<b>Supplied Product</b>	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.
<b>Storage Instruction</b>	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	<a href="#">6718</a>
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	<a href="#">604741</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)