



Rabbit aldol-keto reductase family 1 member C3 (AKR1C3) ELISA kit

Cat. No.:	OB0625WXX-075
Assay Type:	Quantitative competitive ELISA
Target Species:	Rabbit
Assay Target:	AKR1C3
Size:	48T; 96T

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Rabbit aldol-keto reductase family 1 member C3 (AKR1C3) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of AKR1C3 in rabbit with a range of 250-5000 pg/mL and a specificity of 1.0 pg/mL.
Assay Principle	The kit is based on AKR1C3 antibody-AKR1C3 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect AKR1C3 antigen targets in samples.
Background	AKR1C3 is a steroidogenic enzyme that catalyzes the conversion of aldehydes and ketones into alcohols and belongs to the aldol-keto reductase family. Studies have found that it may be associated with certain pathological processes.
Synonyms	Chlordecone reductase homolog HAKRb; Dihydrodiol dehydrogenase 3; DD-3; DD3; Dihydrodiol dehydrogenase type I; HA1753; Prostaglandin F synthase; PGFS; Testosterone 17-beta-dehydrogenase 5; DDH1; AK1C3; 17-beta-hydroxysteroid dehydrogenase type 5; 17-beta-HSD 5; 3-alpha-HSD type II, brain; 3-alpha-hydroxysteroid dehydrogenase type 2; 3-alpha-HSD type 2
Formula Weight	23,364 Da
Applications	Rabbit aldol-keto reductase family 1 member C3 (AKR1C3) ELISA kit is used to quantify AKR1C3 in serum, plasma, cell culture supernatants, body fluid, tissue homogenate samples of rabbits, providing data to support a wide range of studies.
Research Area	Enzyme and Kinase; Metabolism; Obesity research

Specification



Sample Type	Serum; Plasma; Cell culture supernatants; Body fluid; Tissue homogenate
Detection Range	250-5000 pg/mL
Sensitivity	1.0 pg/mL
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 2-8°C.