



Porcine aldo-keto reductase family 1 member C3 (AKR1C3) ELISA kit

Cat. No.:	OB0625WXX-074
Assay Type:	Quantitative ELISA
Target Species:	Porcine
Assay Target:	AKR1C3
Size:	48T; 96T

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

Product Overview

Description	Porcine aldo-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 porcine. The kit is highly sensitive and easy to use.
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 aldo/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	Porcine aldo-keto reductase family 1 member C3 (AKR1C3) ELISA kit is an important tool for the quantitative detection of AKR1C3 in various biological samples (serum, plasma, cell culture supernatants, body fluid, tissue homogenate) of porcine.
Research Area	Enzyme and Kinase; Metabolism; Obesity research

Specification

**Sample Type**

Serum; Plasma; Cell culture supernatants; Body fluid; Tissue homogenate

Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.