

Porcine Beta-2 Adrenergic Receptor (ADRB2) ELISA Kit-Sandwich

Cat. No.: EK12F757

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Beta-2 Adrenergic Receptor (ADRB2) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Beta-2 Adrenergic Receptor (ADRB2) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Porcine ADRB2.
Target Species	Swine
Species Reactivity	Swine
Detection Range	0.156-10 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 270 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

The Beta-2 adrenergic receptor (β 2 adrenoreceptor), also known as ADRB2, is a cell membrane-spanning beta-adrenergic receptor. ADRB2 binds to epinephrine (adrenaline), a hormone and neurotransmitter. Upon binding, it activates adenylate cyclase through trimeric Gs proteins. Beta-2 Adrenergic Receptor is encoded by the *ADRB2* gene in pigs. It is a member of β -adrenergic receptors which can mediate the repartitioning effects of synthetic β -adrenergic agonists used in commercial pig production.

Target/Biomarker	Porcine ADRB2
Target Synonym	Beta-2 adrenergic receptor; Beta-2 adrenoreceptor; Beta-2 adrenoceptor; ADRB2
Gene ID	397357
UniProt ID	Q28997

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.