

Bovine Dopamine Receptor D1 (DRD1) ELISA Kit-Sandwich

Cat. No.: EK12F22

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Dopamine Receptor D1 (DRD1) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Dopamine Receptor D1 (DRD1) 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 Bovine DRD1.
Target Species	Bovine
Species Reactivity	Bovine
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 D(1A) dopamine receptor, also known as the dopamine receptor D1 (DRD1), is a protein that plays a crucial role in the central nervous system. As a G-protein coupled receptor (GPCR), it stimulates adenylyl cyclase and activates cyclic AMP-dependent protein kinases. Bovine Dopamine Receptor D1 is encoded by the *DRD1* gene in cattle. It is a member of the dopamine receptors which are prime candidates in regulating energy homeostasis.

Target/Biomarker	Bovine DRD1
Target Synonym	dopamine receptor D1; D(1A) dopamine receptor; D1a dopamine receptor; dopamine D1 receptor
Gene ID	281125
UniProt ID	Q95136

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.