

Porcine Hepatocyte Nuclear Factor 1-Beta (HNF1B) ELISA Kit-Sandwich

Cat. No.: EK12F719

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Hepatocyte Nuclear Factor 1-Beta (HNF1B) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Hepatocyte Nuclear Factor 1-Beta (HNF1B) 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 HNF1B.
Target Species	Swine
Species Reactivity	Swine
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

Hepatocyte Nuclear Factor 1-Beta is encoded by the *HNF1B* gene in pigs. HNF1B was first identified as a liver-specific transcription factor. It is a homeobox transcription factor that functions as a homodimer or heterodimer with HNF1 α . HNF1 β plays an important role in organogenesis during embryonic stage, especially in liver, kidney and pancreas. Variants in the HNF1 β gene are associated with several relatively rare forms of Maturity-Onset Diabetes of the Young (MODY).

Target/Biomarker	Porcine HNF1B
Target Synonym	Hepatocyte nuclear factor 1-beta; HNF-1-beta; HNF-1B; FPC-binding protein; FPCB; Transcription factor 2; TCF-2; HNF1B; TCF2
Gene ID	397002
UniProt ID	Q03365

Shipping and Storage

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

Reference

Yu, D. D. *et al.* A review on hepatocyte nuclear factor-1beta and tumor. *Cell & bioscience*. 2015, 5: 58.

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.