

## Porcine Cytochrome P450 2E1 (CYP2E1) ELISA Kit-Sandwich

**Cat. No.:** EK12F474

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Porcine Cytochrome P450 2E1 (CYP2E1) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Cytochrome P450 2E1 (CYP2E1) 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 CYP2E1.
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

Cytochrome P450 2E1 (CYP2E1), abbreviated as CYP2E1, is a member of the cytochrome P450 mixed-function oxidase system. This system plays a crucial role in the metabolism of xenobiotics (foreign compounds) within the body. Cytochrome P450 2E1 is encoded by the *CYP2E1* gene in pigs. Porcine CYP2A19 and CYP2E1 are responsible for the biotransformation of both endogenous and exogenous compounds such as 3-methylindole (skatole), sex hormones, and dietary compounds.

Target/Biomarker	Porcine CYP2E1
Target Synonym	Cytochrome P450 2E1; 4-nitrophenol 2-hydroxylase; CYP11E1; Cytochrome P-450-J; Cytochrome P450-J; CYP2E1; CYP2E; 1.14.13.-; 1.14.13.n7
Gene ID	<a href="#">403216</a>
UniProt ID	<a href="#">P79383</a>

## 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.