

Porcine 40S Ribosomal Protein S14 (RPS14) ELISA Kit-Sandwich

Cat. No.: EK12F819

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine 40S Ribosomal Protein S14 (RPS14) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine 40S Ribosomal Protein S14 (RPS14) 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 RPS14.
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

40S ribosomal protein S14 (RPS14) is a crucial component of the small 40S ribosomal subunit, which, together with the large 60S subunit, forms the ribosome, which is the cellular machinery responsible for protein synthesis. 40S Ribosomal Protein S14 is encoded by the *RPS14* gene in pigs. RPS14 binds to the central acidic domain of MDM2 and inhibits its E3 ubiquitin ligase activity towards p53. It plays a distinct role in regulating the MDM2-p53 feedback loop in response to ribosomal stress.

Target/Biomarker	Porcine RPS14
Target Synonym	40S ribosomal protein S14; RPS14
Gene ID	110259542

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.