



Mouse coagulation factor II (F2) ELISA kit (1.56-100 ng/mL, 0.59 ng/mL)

Cat. No.:	OB0625WXX-779
Assay Type:	Quantitative sandwich ELISA
Target Species:	Mouse
Assay Target:	F2
Size:	48T; 96T

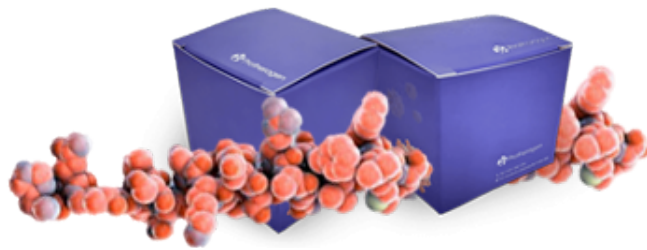
This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Mouse coagulation factor II (F2) ELISA kit (1.56-100 ng/mL, 0.59 ng/mL) is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of F2 in mouse with a range of 1.56-100 ng/mL and a specificity of 0.59 ng/mL.
Assay Principle	The kit is based on F2 antibody-F2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect F2 antigen targets in samples.
Background	F2, also known as prothrombin, is a protein (serine protease) that is a key zymogen in the blood coagulation cascade, which is cleaved to form the active enzyme thrombin.
Synonyms	Coagulation factor II; Coagulation factor II, thrombin
Formula Weight	70,269 Da
Applications	Mouse coagulation factor II (F2) ELISA kit (1.56-100 ng/mL, 0.59 ng/mL) is used to quantify F2 in plasma samples of mouse, providing data to support a wide range of studies.
Research Area	Inflammatory reaction

Specification

Sample Type	Plasma
Detection Range	1.56-100 ng/mL
Sensitivity	0.59 ng/mL



Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 4°C (TMB substrate, wash buffer, stop solution) and -20°C (other reagents).