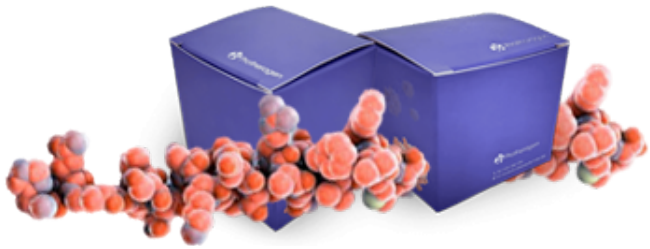
Protheragen Obesity



Mouse prothrombin fragment 1 + 2 (F1 + 2) ELISA kit (3.12-100 nmol/L)

Cat. No.:	OB0625WXX-767
Assay Type:	Quantitative sandwich ELISA
Target Species:	Mouse
Assay Target:	F1 + 2
Size:	48T; 96T

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

Product Overview

Description	Mouse prothrombin fragment 1 + 2 (F1 + 2) ELISA kit (3.12-100 nmol/L) is an ELIS A-based *in vitro* research tool designed specifically for the quantitative detection of F1 + 2 in mouse with a range of 3.12-100 nmol/L and a specificity of 1.0 nmol/L.
Assay Principle	The kit is based on F1+2 antibody-F1+2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect F1+2 antigenic targets in sample s.
Background	Thrombin converts fibrinogen to fibrin and activates factors V, VII, VIII, XIII, and, in complex with thrombomodulin, protein C. Research indicates that obesity is associated with disturbances in coagulation balance, leading to a pro-coagul ant and hypofibrinolytic state. Analysis of F1 + 2 levels is of certain signific ance.
Synonyms	PF1+2; Prothrombin fragment 1.2; Prothrombin fragment F1+2
Formula Weight	70,037 Da
Applications	Mouse prothrombin fragment 1 + 2 (F1 + 2) ELISA kit (3.12-100 nmol/L) is used to quantify F1 + 2 in mouse samples, providing data to support a wide range of stu dies.
Research Area	Blood coagulation regulation; Obesity research

Specification

Address: 101-4 Colin Dr, Holbrook, NY 11741, USA
Phone: 1-631-506-1393
info@obesityscientific.com

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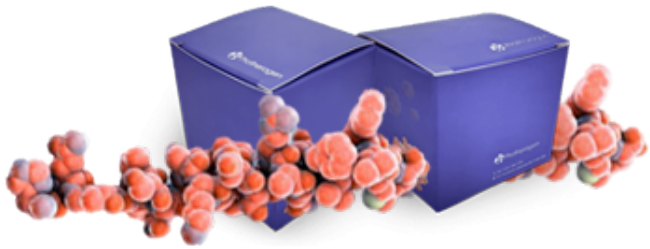

Sample Type	Mouse samples
Detection Range	3.12-100 nmol/L
Sensitivity	1.0 nmol/L
Precision (Intra-assay)	CV<15%
Precision (Inter-assay)	CV<15%
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 2-8°C.

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