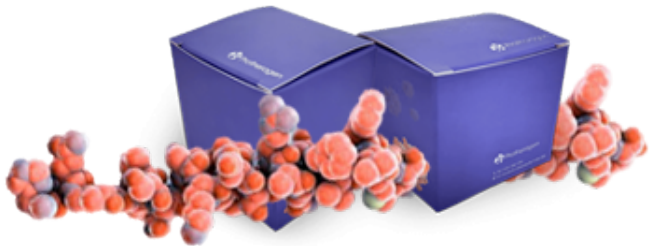
Protheragen Obesity



Hamster fatty acid synthase (FAS) ELISA kit

Cat. No.:	OB0625WXX-836
Assay Type:	Quantitative sandwich ELISA
Target Species:	Hamster
Assay Target:	FAS
Size:	48T; 96T

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

Product Overview

Description	Hamster fatty acid synthase (FAS) ELISA kit is an ELISA-based *in vitro* re search tool designed specifically for the quantitative detection of FAS in hamst er, which is highly specific, sensitive, and easy to use.
Assay Principle	The kit is based on a FAS antibody-FAS antigen interaction (immunosorbent) and a n HRP colorimetric detection system to detect FAS antigen targets in samples.
Background	FAS is a multi-enzyme protein that catalyzes fatty acid synthesis. It is essenti al for the de novo synthesis of long-chain saturated fatty acids from acetyl-CoA , malonyl-CoA, and NADPH. Studies have found that FAS may be involved in obesity by regulating feeding behavior and energy homeostasis, potentially playing a ro le in body weight regulation and obesity development.
Synonyms	Short chain dehydrogenase/reductase family 27X, Member 1; S-acetyltransferase; 3 -oxoacyl synthase; Oleoyl hydrolase; Enoyl-acyl-carrier-protein reductase; OA519 ; SDR27X1; EC 2.3.1.85
EC NO.	2.3.1.85
Formula Weight	273,427 Da
Applications	Hamster fatty acid synthase (FAS) ELISA kit is an important tool for the quantit ative detection of FAS in various biological samples of hamster.
Research Area	Fatty acid synthesis; Lipid metabolism; Obesity research

Specification

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

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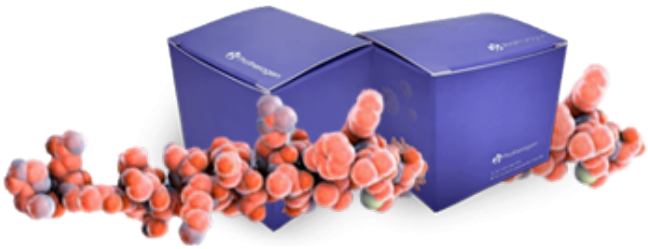

Sample Type	Hamster samples
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 2-8°C.

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