



Fish brain cannabinoid receptor 1 (CB1) ELISA kit

Cat. No.:	OB0625WXX-335
Assay Type:	Quantitative sandwich ELISA
Target Species:	Fish
Assay Target:	CB1
Size:	1 kit

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

Product Overview

Description	Fish brain cannabinoid receptor 1 (CB1) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of CB1 in fish.
Assay Principle	The kit is based on CB1 antibody-CB1 antigen interaction (immunosorbent) and an HRP colorimetric detection system to detect CB1 antigen targets in samples.
Background	CB1 is a member of the cannabinoid receptor family and the G protein-coupled receptor (GPCR) superfamily. It is expressed at the highest levels in different brain regions, and is also present at lower levels in most other cell/tissue types, including adipose tissue. It is thought to activate multiple signaling pathways, regulating energy metabolism and cell survival/death. CB1 has become a drug target for treating obesity. CB1 inhibitors may be potential anti-obesity drugs.
Synonyms	CNR1; Central cannabinoid receptor; Brain-type cannabinoid receptor
Formula Weight	52,858 Da
Applications	Fish brain cannabinoid receptor 1 (CB1) ELISA kit is an important tool for the quantitative detection of CB1 in various biological samples of fish.
Research Area	Lipolysis; Glucose uptake; Energy metabolism; Cell growth; Signaling pathway; Obesity research

Specification

Sample Type	Fish samples
Cross-reactivity	No significant cross-reactivity or interference was observed.



Storage

Store at 2-8°C.