



Fish low-molecular-weight heparin (LMWH) ELISA kit- Quantitative sandwich

Cat. No.:	0126WXX-913
Assay Type:	Quantitative sandwich ELISA
Target Species:	Fish
Assay Target:	LMWH
Size:	1 kit

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

Product Overview

Description	Fish low-molecular-weight heparin (LMWH) ELISA kit-Quantitative sandwich is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of LMWH in fish samples. The kit is highly sensitive and easy to use.
Assay Principle	The ELISA analytical biochemical technique is based on LMWH antibody-LMWH antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect LMWH antigen targets in samples.
Background	Low molecular weight heparin (LMWH) is a series of drugs with reduced molecular weight obtained by chemically or enzymatically depolymerizing standard heparin. Its core function is as an anticoagulant, primarily preventing deep vein thrombosis and pulmonary embolism by enhancing the inhibitory effect of antithrombin (AT) on coagulation factor Xa. Obesity is frequently associated with increased coagulation activity and systemic low-grade inflammation, significantly elevating the risk of venous thromboembolism (VTE) and cardiovascular disease. Several studies have explored the potential benefits of LMWH in improving these conditions and its anti-inflammatory properties.
Synonyms	Fractionated heparin
Formula Weight	53,082 Da
Applications	Fish low-molecular-weight heparin (LMWH) ELISA kit-Quantitative sandwich is used to quantify LMWH in fish samples, providing data to support research in a wide range of areas, including vascular/endothelial biology, etc.



Research Area Vascular/endothelial biology

Specification

Sample Type Fish samples

Cross-reactivity No significant cross-reactivity or interference was observed.

Storage Store at 2-8°C.