



Natural LALF peptide (DAG3112)

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

PRODUCT INFORMATION

Product Overview	LALF, Peptide
Species	<i>L. polyphemus</i>
Conjugate	Unconjugated
Applications	LALF-peptide can be used in biological assays in vivo and in vitro.
Format	Lyophilized, purified LALF-peptide from limulus anti-LPS factor protein in PBS. The exact peptide amount is indicated on the label. Reconstitute the vial by injection of sterile, endotoxin free phosphat buffered saline.
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	The Atlantic horseshoe crab, <i>Limulus polyphemus</i> , is a marine chelicerate arthropod. Despite its name, it is more closely related to spiders, ticks, and scorpions than to crabs. Horseshoe crabs are most commonly found in the Gulf of Mexico and along the northern Atlantic coast of North America. A main area of annual migration is Delaware Bay, although stray individuals are occasionally found in Europe. The other three species in the family Limulidae are also called horseshoe crabs. The Japanese horseshoe crab (<i>Tachypleus tridentatus</i>) is found in the Seto Inland Sea, and is considered an endangered species because of loss of habitat. Two other species occur along the east coast of India: <i>Tachypleus gigas</i> and <i>Carcinoscorpius rotundicauda</i> . All four are quite similar in form and behavior.
Keywords	Limulus anti-LPS factor; LALF; <i>L. polyphemus</i> ; Limulus; Limulidae; Xiphosura; Merostomata; <i>Limulus polyphemus</i> ; Atlantic horseshoe crab; LALF; Limulus anti-LPS factor