



Phytanic acid [BSA] (DAG3392)

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

PRODUCT INFORMATION

Product Overview	Phytanic acid, BSA-conjugated
Specificity	Phytanic acid conjugated with bovine serum albumin (BSA).
Species	N/A
Conjugate	BSA
Applications	immunohistochemistry and immunocytochemistry
Reconstitution	Reconstituted in deionized water (250 µg)
Format	Lyophilized
Size	1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Phytanic acid (or 3,7,11,15-tetramethyl hexadecanoic acid) is a branched chain fatty acid that humans can obtain through the consumption of dairy products, ruminant animal fats, and certain fish. Western diets are estimated to provide 50-100 mg of phytanic acid per day. In a study conducted in Oxford, individuals who consumed meat had, on average, a 6.7-fold higher geometric mean plasma phytanic acid concentration than did vegans.
Keywords	Phytanic acid