



# Thiamine [G-BSA] (DAG3411)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Thiamine, G-BSA-conjugated
<b>Specificity</b>	Thiamine (vitamin B1) conjugated with bovine serum albumin (BSA).
<b>Species</b>	N/A
<b>Purity</b>	Purity is greater than 90.0% as determined by SDS-PAGE
<b>Conjugate</b>	G-BSA
<b>Applications</b>	immunohistochemistry and immunocytochemistry
<b>Reconstitution</b>	Reconstituted in deionized water (250 µg)
<b>Format</b>	Lyophilized
<b>Size</b>	1 mg
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	Also known as thiamine, vitamin B1 plays an important role in helping the body convert carbohydrates and fat into energy. It is essential for normal growth and development and helps to maintain proper functioning of the heart and the nervous and digestive systems. Vitamin B1 is water-soluble and cannot be stored in the body; however, once absorbed, the vitamin is concentrated in muscle tissue.
<b>Keywords</b>	Thiamine; thiamin; vitamin B1; VIT B1; ANEURIN