



# Riboflavin [BSA] (DAG3399)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Riboflavin, BSA-conjugated
<b>Specificity</b>	Riboflavin (vitamin B2) conjugated with bovine serum albumin (BSA).
<b>Species</b>	N/A
<b>Purity</b>	Purity is greater than 95.0% as determined by HPLC analysis and SDS-PAGE.
<b>Conjugate</b>	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>	<p>Riboflavin (vitamin B2) is manufactured in the body by the intestinal flora and is easily absorbed, although very small quantities are stored, so there is a constant need for this vitamin. It is required by the body to use oxygen and the metabolism of amino acids, fatty acids, and carbohydrates. Riboflavin is further needed to activate vitamin B6 (pyridoxine), helps to create niacin and assists the adrenal gland. It may be used for red blood cell formation, antibody production, cell respiration, and growth. It eases watery eye fatigue and may be helpful in the prevention and treatment of cataracts. Vitamin B2 is required for the health of the mucus</p>
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membranes in the digestive tract and helps with the absorption of iron and vitamin B6.

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**Keywords**

Riboflavin; vitamin B2; Beflavin; Dermadram; Fiboflavin; flavinbb; Hyflavin; Hyre; Ovoflavin; Ribosyn

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