Riboflavin, BSA-conjugated

DAG3399 chemosynchetic
Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Riboflavin, BSA-conjugated
Description	Riboflavin, Conjugated
Species	chemosynchetic
Specificity	Riboflavin (vitamin B2) conjugated with bovine serum albumin (BSA).
Conjugate	BSA
Form	Lyophilized (1 mg); Lyophilized and reconstituted in deionized water (250 µg)
Purity	Purity is greater than 95.0% as determined by HPLC analysis and SDS-PAGE.
Applications	immunohistochemistry and immunocytochemistry
Usage	This antigen was used to produce a polyclonal antibody.
Quality Control Test	250 micrograms, 1 milligram

PACKAGING

Storage	Store at -20°C for one year. Reconstitute with deionized H2O + 0.1% merthiolate (optional preservative). This solution is stable at +4°C for 15 days.

BACKGROUND

Introduction	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 membranes in the digestive tract and helps with the absorption of iron and vitamin B6.
Keywords	Riboflavin; vitamin B2; Beflavin; Dermadram; Fiboflavin; flavinbb; Hyflavin; Hyre; Ovoflavin; Ribosyn

REFERENCES

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45-16 Ramsey Road Shirley, NY 11967, USA
Tel: 631-624-4882 ·Fax:631-614-7828
E-mail: info@creative-diagnostics.com
www.creative-diagnostics.com