Creative Enzymes®

Native Bovine Rhodanese

Cat. No. NATE-0654

Lot. No. (See product label)

Introduction

Description	Rhodanese (RHOD) is the principal enzyme involved in hydrogen sulphide (H2S) detoxication in the colonic luman.
Applications	Rhodanese (RHOD) is an enzyme that converts cyanide to thi ocyanate. RHOD may be useful in ulcerative colitis (UC) research as it has been shown to have detoxifying properties in the colon. Rhodanese is used to study sulfur energy metabolism.
Synonyms	Rhodanese; EC 2.8.1.1; 9026-04-4; thiosulfate cyanide transsulfurase; thiosulfate thiotransferase; rhodanese; RHOD

Product Information

Species	Bovine
Source	Bovine liver
Form	essentially salt-free, lyophilized powder
EC Number	EC 2.8.1.1
CAS No.	9026-04-4
Activity	100-300 units/mg solid
Unit Definition	One unit will convert 1.0 µmole of cyanide to thiocyanate per min at pH 8.6 at 25°C.

Storage and Shipping Information

Storage	−20°C