

# Product Datasheet

## Wheat Germ Agglutinin (WGA), Rhodamine RL-1022-10-NB

Unit Size: 10 mg

Store at 4°C.

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**RL-1022-10-NB**

Wheat Germ Agglutinin (WGA), Rhodamine

Product Information	
Unit Size	10 mg
Concentration	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Store at 4°C.
Buffer	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide, 0.1 mM CaCl <sub>2</sub> , 25 mM N-acetylglucosamine
Product Description	
Description	<p>The receptor sugar for WGA is N-acetylglucosamine, with preferential binding to dimers and trimers of this sugar. WGA can bind oligosaccharides containing terminal N-acetylglucosamine or chitobiose, structures which are common to many serum and membrane glycoproteins. Bacterial cell wall peptidoglycans, chitin, cartilage glycosaminoglycans, and glycolipids can also bind WGA. Native WGA has also been reported to interact with some glycoproteins via sialic acid residues (see succinylated WGA).</p> <p>Rhodamine labeled WGA has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. This conjugate is supplied essentially free of unconjugated fluorochromes. The excitation maximum is at 550 nm and the emission maximum is at 575 nm.</p>
Notes	This product is manufactured by Vector Laboratories and distributed by Novus Biologicals.

**Images**

Wheat Germ Agglutinin (WGA), Rhodamine [RL-1022-10-NB]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Support products are guaranteed for 6 months from date of receipt.

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