



RNAscope® 2.5 HD Reagent Kit – RED Product Insert

Description

Use the RNAscope® 2.5 HD Reagent Kit - RED (Cat. No. 322350) along with the RNAscope® Probe-New Target Probe (Cat. No. 300031) for highly sensitive, semi-quantitative *in situ* detection of RNA in slide-mounted samples. 2.5 HD Kits come in two chromogenic versions: Brown (DAB) or Red (Fast Red). Each kit contains sufficient reagents in a convenient, Ready-To-Use (RTU) format to perform 20 slide/tests. The results of the assay can be viewed using a standard bright field microscope.

Contents and Storage

The components of the RNAscope® 2.5 HD Reagent Kit-RED and quantities supplied are listed in the following table. The contents have a shelf life until the date of expiration indicated on the kit label. It is important to follow the product storage conditions as specified on the label so that the reagents maintain their reliability.

Cat. No.	Sub-Kit	Component	Quantity	Storage
322330	RNAscope® 2.5 H ₂ O ₂ and Protease Plus Reagents	RNAscope® Hydrogen Peroxide	4 mL x 2 bottles	2–8°C
		RNAscope® Protease Plus	4.5 mL x 1 bottle	2–8°C
322000	RNAscope® Target Retrieval Reagents	RNAscope® Target Retrieval (10X)	70 mL x 4 bottles	15–30°C
322360	RNAscope® 2.5 HD Detection Reagents-RED	RNAscope® 2.5 HD AMP 1	3 mL x 1 bottle	2–8°C
		RNAscope® 2.5 HD AMP 2	4.5 mL x 1 bottle	2–8°C
		RNAscope® 2.5 HD AMP 3	3 mL x 1 bottle	2–8°C
		RNAscope® 2.5 HD AMP 4	4.5 mL x 1 bottle	2–8°C
		RNAscope® 2.5 HD AMP 5-Red	4.5 mL x 1 bottle	2–8°C
		RNAscope® 2.5 HD AMP 6-Red	3 mL x 1 bottle	2–8°C
		RNAscope® 2.5 Fast RED-A	2 mL x 1 bottle	2–8°C
	RNAscope® 2.5 Fast RED-B	2 mL x 1 bottle	2–8°C	
310091	RNAscope® Wash Buffer Reagents	RNAscope® Wash Buffer (50X)	60 mL x 4 bottles	15–30°C

IMPORTANT! RNAscope® 2.5 HD Reagent Kits share the same Wash Buffer, but have unique Detection Reagents and Pretreatment Reagents based on different tissue types. Do not interchange the reagent components of the Detection Reagents, even those having the same name. Refer to the latest versions of user manuals Part 1 for Sample Preparation and Part 2 for the RNAscope® Detection Assay available online at <http://www.acdbio.com/technical-support/downloads>.

Precautions

Handle biological specimens and other materials according to local laboratory guidelines and regulations. Avoid cross-contamination of samples and reagents to ensure quality results. Use equipment and reagents as specified by the manufacturer.

For safety and biohazard guidelines, refer to the "Safety" section in the *RNAscope® 2.5 HD Detection Reagents - RED User Manual* (Cat. No. 322360-USM). For every reagent, read the Safety Data Sheets (SDSs) and follow the handling instructions available at <http://www.acdbio.com/technical-support/downloads/technical-doc/category/sds>. Wear appropriate protective eyewear, clothing, and gloves.

Contact Information

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