



RNAscope® 2-Plex Reagent Kit Product Insert

Description

Use the RNAscope® 2-Plex Reagent Kit (Cat. No. 320700) along with the RNAscope® Probe – New Target Probe (Cat. No. 300031) for simultaneous *in situ* detection of two RNA targets in slide-mounted samples. Each kit contains sufficient reagents in a convenient, Ready-To-Use (RTU) format to perform 20 slide per tests. The results of the assay can be viewed using a standard bright field microscope.

Contents and Storage

The components of the RNAscope® 2-Plex Reagent Kit and quantities supplied are listed in the following table. The contents have a shelf life until the date of expiry indicated on the reagent 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® H ₂ O ₂ & 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	70 mL x 4 bottles	15–30°C
320701	RNAscope® 2-Plex Detection Reagents	RNAscope® 2-Plex AMP 1	3 mL x 1 bottle	2–8°C
		RNAscope® 2-Plex AMP 2	4.5 mL x 1 bottle	2–8°C
		RNAscope® 2-Plex AMP 3	3 mL x 1 bottle	2–8°C
		RNAscope® 2-Plex AMP 4A	4.5 mL x 1 bottle	2–8°C
		RNAscope® 2-Plex AMP 4B	30 µL x 1 vial	2–8°C
		RNAscope® 2-Plex AMP 5	4.5 mL x 1 bottle	2–8°C
		RNAscope® 2-Plex AMP 6	3 mL x 1 bottle	2–8°C
		RNAscope® Fast Red-A	3 mL x 1 bottle	2–8°C
		RNAscope® Fast Red-B	50 µL x 1 vial	2–8°C
		RNAscope® Green-A	3 mL x 1 bottle	2–8°C
RNAscope® Green-B	150 µL x 1 vial	2–8°C		
310091	RNAscope® Wash Buffer Reagents	RNAscope® Wash Buffer	60 mL x 4 bottles	15–30°C

IMPORTANT! RNAscope® Reagent Kits share the same RNAscope® Wash Buffer Reagents, but have unique RNAscope® Detection Reagents and RNAscope® Pretreat Reagents based on different tissue types. Do not interchange the reagent components of the RNAscope® 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-Plex Detection Kit (Chromogenic) User Manual* (Cat. No. 320494-USM). For every chemical, read the Material Safety Data Sheets (MSDSs) and follow the handling instructions available at <http://www.acdbio.com/technical-support/downloads/technical-doc/category/msds>. Wear appropriate protective eyewear, clothing, and gloves.

Contact Information

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