



RNAscope® Multiplex Fluorescent Reagent Kit Product Insert

Description

Use the RNAscope® Multiplex Fluorescent Reagent Kit (Cat. No. 320850) along with the RNAscope® Probe – New Target Probe (Cat. No. 300031) for simultaneous *in situ* detection of up to three RNA targets in fresh frozen (FF) slide-mounted samples. 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 fluorescent microscope with the appropriate filters.

Contents and Storage

The components of the RNAscope® Multiplex Fluorescent 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.

Catalog No.	Sub-Kit	Component	Quantity	Storage
322340	RNAscope® Protease III & Protease IV Reagents	RNAscope® Protease III (cultured cells, PBMCs)	4 mL x 2 bottles	4°C
		RNAscope® Protease IV (For Fresh, Fixed Frozen Tissues)	4 mL x 1 bottle	4°C
320851	Detection-FL	Amp 1-FL	3 mL x 1 bottle	4°C
		Amp 2-FL	4.5 mL x 1 bottle	4°C
		Amp 3-FL	3 mL x 1 bottle	4°C
		Amp 4-FL-Alt A Display module	4.5 mL x 1 bottle	4°C
		Amp 4-FL-Alt B Display module	4.5 mL x 1 bottle	4°C
		Amp 4-FL-Alt C Display module	4.5 mL x 1 bottle	4°C
310091	Wash Buffer	Wash Buffer 50 X	60 mL x 4 bottles	Room temperature

IMPORTANT! RNAscope® Reagent Kits share the same Wash Buffer, but have unique Detection Kits and Pretreatment Kits based on different tissue types. Do not interchange the reagent components of the Detection Kits, 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® Fluorescent Multiplex Kit User Manual* (Cat. No. UM_320293). 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

Address: 3960 Point Eden Way, Hayward, CA 94545 USA
Phone: 1-877-576-3636 option 1 **Fax:** 1-510-576-8801
Web: www.acdbio.com **Email:** support@acdbio.com

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