



RNAscope® Probe – New Target Probe

Description

Use the RNAscope® Probe – New Target Probe C1, C2, C3, or C4 (Cat. No. 300031) along with an RNAscope® Reagent Kit for semi-quantitative *in situ* detection of RNA in specimens mounted on slides. The probes consist of proprietary DNA oligonucleotides designed for detecting specific targets. Every target probe also contains a tag that enables the associated target to be visualized in a specific “color channel” under the microscope. Both the target RNA and the color channel are user-specified. The probes fall into one of the four color channels; C1, C2, C3, and C4, with C1 being the default channel for off-the-shelf probes. Target probes can be combined in multiplex assays, as long as they are in different channels and one of them is a C1 probe. If no C1 probe is available, use the RNAscope® Probe Diluent.

Contents and Storage

RNAscope® Probe – New Target Probe naming conventions, reagent format, and quantities supplied are listed in the following table. Each unit contains sufficient reagents to perform 20 slide/tests. 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.

| Channel ID | Description | Naming Convention | Reagent Format | Vol. | Storage | Cat. No. |
|------------|--|---|--------------------|-------|---------|---|
| C1 | 1-plex or 1 st color of multiplex | RNAscope® Target Probe – [species] – [gene] – [channel] | Ready-To-Use (RTU) | 3 mL | 2-8 °C | <i>Channel, species and target specific</i> |
| C2 | 2 nd color of multiplex | | 50X | 60 µL | 2-8 °C | |
| C3 | 3 rd color of multiplex | | 50X | 60 µL | 2-8 °C | |
| C4 | 4 th color of multiplex | | 50X | 60 µL | 2-8 °C | |
| C1 | Target probe diluent | RNAscope® Probe Diluent | 1X | 3 mL | 2-8 °C | 300041 |

Note: RNAscope® Probe – New Target Probe may be co-packaged with Positive and Negative Control Probes, and/or an RNAscope® Reagent Kit.

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 latest versions of user manuals Part 2 for the RNAscope® Detection Assay available online at <http://www.acdbio.com/technical-support/downloads>. 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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