

# miRNAscope™ HD Reagent Kit – RED

**Description**

Use the miRNAscope™ HD Reagent Kit – RED (Cat.No.324500), along with the miRNAscope™ Probe–New Target Probe, for highly sensitive and highly specific *in situ* detection of RNA in slide-mounted samples. Each kit contains sufficient reagents in a convenient, Ready-To-Use (RTU) format to perform 20 slide/tests. View the results of the assay with a standard brightfield microscope.

**Contents and Storage**

The components of the miRNAscope™ 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. Follow the product storage conditions as specified on the label so that the reagents maintain their reliability.

Cat. No.	Sub-Kit	Component	Quantity	Storage
322381	RNAscope® H <sub>2</sub> O <sub>2</sub> and Protease Reagents	RNAscope® Hydrogen Peroxide	4 mL x 2 bottles	2–8°C
		RNAscope® Protease III*	4.5 mL x 2 bottles	2–8°C
		RNAscope® Protease Plus	4.5 mL x 2 bottle	2–8°C
		RNAscope® Protease IV	4.5 mL x 2 bottle	2–8°C
322000	RNAscope® Target Retrieval Reagents	RNAscope® Target Retrieval (10X)	70 mL x 4 bottles	15–30°C
324510	miRNAscope™ HD Detection Reagents – RED	miRNAscope™ HD AMP 1	3 mL x 1 bottle	2–8°C
		miRNAscope™ HD AMP 2	4.5 mL x 1 bottle	2–8°C
		miRNAscope™ HD AMP 3	3 mL x 1 bottle	2–8°C
		miRNAscope™ HD AMP 4 - RED	4.5 mL x 1 bottle	2–8°C
		miRNAscope™ HD AMP 5 - RED	4.5 mL x 1 bottle	2–8°C
		miRNAscope™ HD AMP 6 - RED	3 mL x 1 bottle	2–8°C
		miRNAscope™ Fast RED-A	3 mL x 1 bottle	2–8°C
		miRNAscope™ Fast RED-B	50 µL x 1 bottle	2–8°C
310091	RNAscope® Wash Buffer Reagents	RNAscope® Wash Buffer (50X)	60 mL x 4 bottles	15–30°C

\* Use RNAscope® Protease III with FFPE samples.

**IMPORTANT!** miRNAscope™ 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 version of the *miRNAscope™ HD (RED) Assay with Sample Preparation and Pretreatment User Manual* (Doc. No. UM-324510) available online at <https://acdbio.com/technical-support/user-manuals>.

**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 user manual. For every chemical, read the Safety Data Sheets (SDSs) and follow the handling instructions available at <https://acdbio.com/documents/product-documents>. Wear appropriate protective eyewear, clothing, and gloves.

**Contact Information**

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