

RNase assay kit (Fluorescence)

Cat. No. KITF-080 **Lot. No.** (See product label)

SPECIFICATION

This kit is used to detect RNase contamination in samples. The RNase detection kit is a biochemical assay used for the sensitive and specific detection of ribonuclease enzymes in various biological samples. It employs fluorescent or colorimetric signals to indicate the presence or absence of RNase activity, aiding in the preservation of RNA integrity and quality.

Product Overview

The RNase detection kit is based on a fluorophore-labeled RNA probe. When the sample does not contain RNase activity, the probe is stable and does not produce a fluorescent signal; when the sample contains RNase activity, the probe is degraded, resulting in a gradual enhanced fluorescence signal; the rate of increase in fluorescence signal is positively correlated with the number and activity of enzymes. Use a fluorescence microplate reader to measure at the wavelength of ex/em = 535/575nm to determine whether the sample is contaminated by RNase.

Size	48T or 192T/kit
Storage	Store the unopened kit at -25~-15°C for 12 months

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