



## CRISPR-Cas13a DNA Fluorescent Detection Kit (2-step)

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Cas13a forms a functional complex with crRNA, "gliding" over the target nucleic acid sequence. Upon successful pairing, Cas13a is specifically activated and trans-cleaves the surrounding reporter molecule. This kit combines isothermal amplification technology with Cas13a, boasting high sensitivity, specificity, and a high signal-to-noise ratio. It has been widely used in molecular diagnostics, enabling rapid and accurate detection of pathogens.

This kit applied isothermal amplification & CRISPR/Cas13a, enables DNA detection in two step fluorescent signal.

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|-------------------|--------------------------|
| Catalog No.       | 519225                   |
| Size              |                          |
| Product Category  | Isothermal Amplification |
| Pack Size         | 96 rxns                  |
| Storage/Stability | -20°C/1 year             |
| Shipping          | Gel Packs                |