# Cas13a Master Mix (Lateral Flow)

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 contains ssDNA dually modified with FAM and Biotin as the reporter molecule. When activated by the target sequence, the Cas protein indiscriminately cleaves the reporter molecule within the system. The results can be quickly visualized using a chromatographic test strip.

Cas13a master mix contains contains Cas13a, reaction buffer, reporter molecule, positive control. Simply add the sample, such as the DNA amplicons and the corresponding crRNA. Cas13a will be activated. Reporter will be cleaved.The result can be read with a chromatographic test strip.

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| Catalog No. | 518904 |
| Size | 96 rxns |
| Product Category | Isothermal Amplification |
| Storage/Stability | -20°C/1 year |
| Shipping | Gel Packs |