Cas13a Master Mix (Fluorescent)

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 modified with a FAM fluorescent group as a reporter molecule. When the Cas protein is activated by the target sequence, it indiscriminately cleaves the reporter molecule within the system, generating a FAM fluorescent signal.

Cas13a master mix 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 and fluorescent signal will be generated.

Catalog No.	518902
Size	96 rxns
Product Category	Isothermal Amplification
Storage/Stability	-20°C/1 year
Shipping	Gel Packs