

Datasheet for ABIN4219245

CRISPR Genomic Cleavage Detection Kit

Overview

Quantity: 25 reactions

Application: Genome Editing with Engineered Nucleases (GEEN)

Product Details

Purpose: CRISPR Genomic Cleavage Detection Kit is designed as an easy, yet effective way to verify your genomic editing process.

Specificity: CRISPR-edited samples are used as a template in PCR reactions targeting your specific region of interest. The products are then denatured and re-annealed to produce mismatches within the double strand. Our detection enzyme is able to recognize such mismatches and cleaves the strands to produce band sizes that are easily distinguishable upon gel analysis. The ready-to-use CRISPR Genomic Cleavage Detection Kit conveniently contains all the necessary reagents required, including a set of control template and primers to ensure reliable results. With a short processing time, this ready-to-use assay will be a great addition to any genomic-editing toolbox.

- Ease of use with simple steps
- Rapid set-up
- Streamlined protocol suitable for high-throughput applications

Characteristics: Precision is a key quality in genome editing and gene modification methods. Confirmation of successful gene editing is an important step in any set up, and could save both time and resources if experimental insufficiencies are caught early on.

Application Details

Application Notes: Genome editing

Comment: 25 Reactions

Restrictions: For Research Use only

Order at www.genomics-online.com

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Handling

Storage: -20 °C

Storage Comment: Store all components at -20°C.

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)