

HEK293 Residual DNA (qPCR) Detection Kit

Cat. No. KITF-057 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

With the rapid development of gene cell therapy, various viral vectors have been used for gene cell therapy. Most of these carriers are produced using 293 series cells (such as HEK293, 293T, etc.), which results in residual DNA from 293 series cells being present as impurities in the final product of the carrier. Due to the stability of host cell DNA, residues are easily generated during the production process, and the application of these biological products in the treatment of human diseases can bring uncontrollable risk factors. Therefore, host nucleic acid residue is a mandatory item of various quality control standards and must comply with the regulatory requirements of the World Health Organization, FDA, and China NMPA to ensure that host nucleic acid residue is within a safe and controllable range.

HEK293 Residual DNA (qPCR) Detection Kit has strong specificity and can quickly and specifically detect DNA residues in HEK293 cells in gene cell therapy products.

Size

100 Reactions/kit

Storage

Store in dark at -20°C below

Kit Components

HEK293 Primer & Probe MIX; 550 µL×1 tube; -20°C(keep in dark)
2×qPCR Reaction MIX; 1.6mL×1 tube; -20°C
HEK293 DNA Quantitative; 50 µL×1 tube; -20°C
Reference
DNA Dilution; 1.5mL×3 tube; -20°C

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