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JC Virus (MAD1 Strain) Viral qDNA

Catalog Number: 17-943-500

Lot Number: G0203

Product Description: JC Human Polyomavirus (MAD1 strain) Viral qDNA PCR Control

Unit Size: 500 µL

Expiration Date: 02-2017

Suspending Buffer: 10 mM Tris, 1 mM EDTA, pH 8.0

QUALITY CONTROL DATA

DNA Copy Number by
Quantitative Realtime PCR: 5.3 x 10⁶ DNA copies per milliliter

PCR Analysis of DNA Control: PCR analysis was performed on purified JC Polyomavirus DNA using primers specific for the large T antigen gene of JC Polyomavirus. The reaction produced a 278 bp fragment. The expected band was observed from 10⁵ copies/reaction down to 10³ copies/reaction.

DNA Quantitation: DNA copy number was determined by quantitative realtime PCR. DNA copy number may vary depending on the quantitation method and primers used.

PRODUCT DETAILS

Shipping and Storage: This product is shipped frozen on dry ice. **Store at -20°C upon receipt.** Avoid multiple freeze-thaw cycles as product degradation may result.

Recommendations: Upon thawing, centrifuge the vial for a few seconds to remove residual droplets from the lid. **CAUTION:** ABI does not recommend storage of diluted quantitated PCR controls under any conditions. All dilutions should be made immediately before use and used promptly. We have observed that dilutions used for standard curves may tend to "lose" copy number with time (sometimes a matter of an hour or so after dilution).

Applications For Use: ABI's quantitated PCR controls are prepared from virus, bacteria, parasites, or mollicutes, and are intended for use as positive PCR quantitation standards for the organism in question. Due to the nature of these products, ABI cannot guarantee their suitability as extraction controls. Additionally, due to the extreme sensitivity of detection in PCR reaction, and since no method of purification can guarantee the complete absence of extraneous agents, PCR controls are not intended for use as negative controls for other organisms.

Safe Handling
Recommendation: The DNA extraction procedure used has been shown to eliminate the infectivity of most viruses and bacteria; therefore, this product is not considered biohazardous. However, this product is not specifically tested and should be handled in accordance with Good Laboratory Practices and any applicable local guidelines.

This product is for research use only.
Not for use in diagnostic procedures.



02-18-2016

Quality Control

Date