

## CERTIFICATE OF ANALYSIS

<b>Product:</b>	DEP-25 DNA Extraction Kit
<b>Catalog No:</b>	D225, D226, D227
<b>Lot No:</b>	D225112026
<b>Date of Expiry:</b>	11/2026
<b>Composition:</b>	Kit is supplied as a two-component kit, <b>START-Blue</b> and <b>STOP</b> . START-Blue contains blue color indicator that provides visual identification of proper solution used for DNA extraction. Upon addition of equal volume of STOP reagents, solution turns colorless.
<b>Supplied:</b>	2x 8ml for <b>100</b> extractions 2 x 30 ml for <b>400</b> extractions, or 2 x 120 ml for <b>1600</b> extractions
<b>Storage temperature:</b>	2 – 8°C. For short time (days) at temperature up to 35°C.
<b>Quality control:</b>	Each batch of DEP-25 DNA Extraction Kit is tested for its ability to extract genomic DNA from mammalian cells, which can be amplified by PCR. The results are verified by electrophoresis in agarose gel in the presence of ethidium bromide; only DNA band of the expected size is present.
<b>Result:</b>	PASSED, using DNA template prepared with DEP-25 Extraction Kit and selected primer set, only the expected fragment was generated by PCR.

**FOR RESEARCH USE ONLY**

**APPROVED DATE:** 04/08/2024  
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