Production Information

Genedia™ cDNA Synthesis Reagent

Storage Temperature -20 ˚C

Components	Product (50 Reaction) # CDS50	Product (100 Reaction) # CDS100
5X CDS mix solution (CDS)	100 µl	200 µl
Product insert	1	1

Product Description

Genedia™ cDNA Synthesis Reagent contains all necessary components for conversion of total RNA or mRNA to the single stranded cDNA. The 5X CDS mix Reagent contains, thermostable H-minus MMLV, RNase Inhibitor, RT buffer, 1mM dNTP mixture, 8mM MgCl2, Oligo d(t)16, Random hexamer and stabilizer.

Precautions and Disclaimer

For Research Use Only.

Storage/Stability

Genedia™ cDNA Synthesis Reagent should be stored at -20˚C. Thawed material kept on ice can be aliquoted and re-frozen up to two times.

Procedure:

1) Mix the below mixture by quick vortex.

Template RNA 1~5µg	**X µl***
5X CDS mix solution	**2 µl**
DEPC-treated water	**Up to 10 µl**

***Recommended Extraction Kit:**
GeneDia™ Viral RNA Extraction Kit (# EK0150R)
GeneDia™ FFPE RNA Extraction Kit (# EK0350R)
GeneDia™ Blood RNA Extraction Kit (# EK0850R)
GeneDia™ Tissue RNA Extraction Kit (# EK1350R)

2) Incubate 5 min at 65 °C.
3) Incubate 60 min at 47 °C.
4) Chill the reaction by incubation at 4 °C for 1 Minute.

CERTIFICATE OF ANALYSIS
Quality Control
Functional Assay:
cDNA synthesis with specific primers, followed by quantitative PCR.
Quality confirmed by:
Head of Quality Control

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