



**GENEDIA™ life Science Co.**

## 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 MgCl<sub>2</sub>, Oligo d(t)<sub>16</sub>, 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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