

## **Production Information**

# Genedia™ cDNA Synthesis Reagent

Storage Temperature -20 °C

Components	Product	Product
	(50	(100
	Reaction)	Reaction)
	# CDS50	# CDS100
5X CDS mix solution (CDS)	100 μΙ	200 μΙ
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	Χ μΙ*
5X CDS mix solution	2 μΙ
DEPC-treated water	Up to 10 μl

\*Recommended Extraction Kit:

GeneDia™ Viral RNA Extraction Kit (# EK0150R)

GeneDia™ FFPE RNA Extraction Kit (# EK0350R)

# GENEDIA™ life Science Co.

- 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**

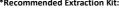
**Quality Control** 

**Functional Assay:** 

cDNA synthesis with specific primers, followed by quantitative PCR.

## Quality confirmed by:

Head of Quality Control



GeneDia™ Blood RNA Extraction Kit (# EK0850R)

GeneDia™ Tissue RNA Extraction Kit (# EK1350R)



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