

qPCR Human Reference cDNA, random-primed

Catalog Nos.	Amount	Lot Number
639653	25 rxns	Specified on product label.
639654	100 rxns	Specified on product label.

Description

cDNAs prepared from a mixture of total RNAs collected from adult normal human tissues. This cDNA mixture has been chosen to represent a broad range of expressed genes. qPCR Human Reference cDNA serves as a standard for accurate and reproducible comparison of gene expression data using qPCR (quantitative PCR) as well as a positive control template for validation of gene primer design. Enough cDNA is supplied for either 25 or 100 reactions requiring 2 µl of sample per reaction; the number of reactions is based on a 50 µl reaction volume. The sample was random 9-mer primed.

Package Contents

<u>639653</u> (25 rxns)	<u>639654</u> (100 rxns)	
50 µl	200 µl	qPCR Human Reference cDNA, random-primed (solution of cDNA in a Tris containing buffer)

Storage Conditions

- Store at -20°C.

Expiration Date

- Specified on product label.

Concentration

- 50 ng equiv. total RNA/µl

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals

Quality Control Data

The total RNA template was tested by real-time qPCR to assess levels of contaminating genomic DNA; <0.01% (w/w) genomic DNA was detected.

Functional Quality Control

The qPCR Human Reference cDNA, random-primed, was tested for performance in real-time quantitative PCR for the human PPIA gene using a detection platform for green intercalated dye. Six sequential fivefold dilutions of first-strand cDNA, corresponding to a range of total human RNA from 20 ng–6.4 pg, were used as template. Expected results were observed.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

Takara Bio USA, Inc.

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CATALOG NOS.

639653 & 639654

NOTICE TO PURCHASER:

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