

Certificate of analysis

Product Name/Description: Provirus Copy Number Detection Primer Set, Human (for Real Time PCR)

Cat. #: 6167

Lot #: Specified on product label

Storage Conditions: -20 degrees C

Expiration Date: Specified on product label or package

Package Size: 100 Rxns

Package Contents:	1. Retrovirus Primer Mix for Provirus	10 pmol/μl each	50 μl	
	2. Retrovirus Probe for Provirus	10 pmol/μl	50 μl	
	3. hIFNγ Primer Mix for Provirus	10 pmol/μl each	50 μl	
	4. hIFNγ Probe for Provirus	10 pmol/μl	50 μl	
	5. DNA Control Template for Provirus, Human	200 pg/μl	15 μl	
	6. EASY Dilution (for Real Time PCR)		1 ml	x 4

Note: Storage condition of component "Retrovirus Probe for Provirus, Human" and "hIFNγ Probe for Provirus": Protected from light.

Quality Control Data:

This product was tested for real time PCR in combination use with CycleavePCR™ Core Kit (Cat.# CY501). Consistent amplification was observed in real time PCR using the dilution series of DNA Control Template supplied in the kit as a template. Comparing the result obtained by this product with that obtained by previous lot, no significant difference was observed. No target amplification was observed in the negative control reaction.

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

Notice To Purchaser:

Please refer to the website.

Product Documents, Patent Markings, Trademarks, & Safety Information:

Refer to website for availability to download or contact your local office:

www.takara-bio.co.jp (Japanese)

www.takarabio.com (English)

Licence Statements:

Please visit our website and click the license statement number listed below located on the license statement page.

[L4] This product is for measurement of amplification detection for research use only in life sciences research, industrial and environmental testing (including food industry, but excluding bio-terrorism and bio-warfare), non-human animal diagnostic testing, forensic testing and providing services to third parties who do not use the services for the purpose of (a) providing patient management or care, and in which the results of such services are not included in patient records and (b) providing bio-terrorism or bio-warfare testing; and specifically excluding, without limitation: (I) any human clinical, therapeutic or diagnostic uses and animal clinical and therapeutic uses (including any use of the results of any testing performed with any product for patient management or care, or the use of the results of the services for patient management or care) and (II) any research or services where the results of any test or assay are used for patient management, care or otherwise in making therapeutic or treatment decisions for a patient.

A portion of this product is subject to proprietary rights of Epoch Biosciences, Inc. and are made and sold under license from Epoch Biosciences, Inc. under the patents and patent applications (US20020155484, WO0142505, WO02099141, US09/876,830 and corresponding patents issued in other countries).

There is no implied license for commercial use with respect to this product. A license must be obtained directly from Epoch Biosciences, Inc. with respect to any proposed commercial use of this product, and "commercial use" includes but is not limited to (A) the sale, lease, license or other transfer of this product or any material derived or produced from it, (B) the sale, lease, license or other grant of rights to use this product or any material derived or produced from it, and (C) the sale, lease, license or other transfer of kits which include this product.

**©2018 Takara Bio Inc. All Rights Reserved.**

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.