



Oncomatrix, Inc.

Phone: 800-354-2098 ♦ Fax: 760-752-3372

E-mail: info@oncomatrix.com ♦ techsupport@oncomatrix.com

Website: www.oncomatrix.com

Product Specification

Product:	PCR-Ready cDNA.
Catalog No.:	OM-[case #]-[cancer #]-[tissue type]-C20.
Special Notes:	High-quality human RNA is used in the first-strand cDNA synthesis reaction to obtain PCR-Ready cDNA. Oncomatrix uses proprietary technology to simultaneously isolate total cellular RNA, genomic DNA, and protein from the same tissue homogenate. Thus isolated molecular derivatives are representative of the same piece of tissue and are the best possible material for comparative genomic, proteomic, and gene expression studies.
Product Description:	PCR-Ready cDNA is an excellent source of tissue-specific, PCR-ready first-strand cDNA from a wide variety of normal and cancerous tissues accompanied with patient clinical and pathological information. First-strand cDNA is synthesized using 1 µg of total cellular RNA and random hexamer primers. The efficiency of the RT reaction is checked by PCR amplification of the GAPD gene: 1 µl of a 10 ⁻³ dilution of the cDNA preparation is sufficient to yield a specific GAPD PCR product. More cDNA may need to be used to detect rarer transcripts.
Applications:	Gene discovery; Gene expression analysis applications.
Storage:	Store at below -20°C.
Concentration/Amount:	Supplied as solution in RT buffer (50 mM Tris-HCl, 75 mM KCl, 3 mM MgCl ₂ , 20 mM dithiothreitol, pH 8.3).
Shipment specifications:	Supplied in aliquots of 20 µl in 0.2 ml eppendorf tubes on dry ice.
Quality control:	The quality of cDNA is assessed by observing a specific product after PCR amplification of the GAPD gene using 1 µl of a 10 ⁻³ dilution of the cDNA preparation.

ALL PRODUCTS SOLD BY ONCOMATRIX, INC. ARE FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSES.

Warranty and Liability: Oncomatrix, Inc. is committed to providing quality products at competitive prices. Oncomatrix, Inc. warrants that the products meet or exceed the performance standards described in the product specification sheets. If you are not completely satisfied with any product, our policy is to replace the product or credit the full purchase price and delivery charge. No other warranties of any kind, expressed or implied, are provided by Oncomatrix, Inc. Oncomatrix's liability shall not exceed the purchase price of the product. Oncomatrix, Inc. shall have no liability for direct, indirect, consequential or incidental damages arising from the use, results of use, or inability to use its Products.