



Oncomatrix, Inc.

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## Product Specification

<b>Product:</b>	Genomic DNA.
<b>Catalog No.:</b>	OM-[case #]-[cancer #]-[tissue type]- <b>D01</b> OM-[case #]-[cancer #]-[tissue type]- <b>D05</b> OM-[case #]-[cancer #]-[tissue type]- <b>D25</b>
<b>Special Notes:</b>	Oncomatrix uses proprietary technology to simultaneously isolate genomic DNA, and total cellular RNA 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.
<b>Product Description:</b>	High-purity genomic DNA from a wide variety of normal and cancerous tissues accompanied with patient clinical and pathological information.
<b>Applications:</b>	PCR; Sequencing; Single Nucleotide Polymorphism (SNP) analysis; Restriction endonuclease digestion; Southern blot analysis; Genomic DNA library construction; Genomic DNA copy number profiling.
<b>Storage:</b>	Short-term storage at 2–8°C. Long term storage at below –20°C.
<b>Concentration/Amount:</b>	Supplied as 40 ng/μl solution in TE buffer (10 mM Tris-HCl, pH 7.5, 1 mM EDTA) in aliquots of 1 μg, 5 μg and 25 μg, or in lyophilized form in the amount of 40 ng.
<b>Shipment specifications:</b>	Supplied in aliquots of 25 μl (1 μg) in 0.2 ml eppendorf tubes, and in aliquots of 125 μl (5 μg) and 625 μl (25 μg) in 1.6 ml eppendorf tubes, or in lyophilized form in the amount of 40 ng in 96-well PCR-ready micro-plates.
<b>Quality control:</b>	Absorbance $A_{260}/A_{280} = 1.8–2.0$ . DNA quality has been tested by agarose gel electrophoresis, restriction endonuclease digestion, and PCR amplification of polymorphic microsatellite repeat markers.

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

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