

## MUC1

### Native Human Cancer Antigen 15-3

<b>Catalog No.</b>	CSI19627A CSI19627B CSI19627C	<b>Quantity:</b>	5 KU 25 KU 1000 KU
<b>Alternate Names:</b>	Mucin-1, MUC-1, Breast carcinoma-associated antigen DF3, CD227, Tumor-associated epithelial membrane antigen, CA15-3		
<b>Description:</b>	Human Cancer Antigen 15-3 (CA15-3) is a breast-associated mucin and is used as a tumor marker to monitor a patient's response to breast cancer treatment and to watch for breast cancer recurrence. It is encoded by the human gene MUC1.		
<b>UniProt ID:</b>	P15941		
<b>Gene ID:</b>	4582		
<b>Source:</b>	Human Ascites		
<b>Appearance:</b>	Turbid, light yellow solution		
<b>Formulation:</b>	Liquid in 1 M NaCl, 1% Triton X-100, 0.05% Sodium Azide, pH 7.4. <b>Precaution:</b> Sodium Azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purity:</b>	Control Grade		
<b>Contaminants:</b>	CA 125, CA 19-9, CA 72-4		
<b>Biological Activity:</b>	> 5 KU/ml, lot specific, determined by ELISA		
<b>Storage &amp; Stability:</b>	Upon receipt, store at -20°C to -80°C. On initial thaw, prepare working aliquots and store at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	Non-Infectious Disease Certification: Non-reactive for HIV-1/HCV/HBV by NAT; HBsAg, HCV Ab, HIV-1&2 Ab and RPR by currently approved FDA methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at Bio-Safety Level 2 (BSL 2) as recommended for potentially infectious human serum or blood specimen in the CCD/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 1999.		

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