



R E A G E N T S

# DTT MOLECULAR BIOLOGY GRADE

<b>Synonym:</b>	Cleland's Reagent, 1,4-Dithio-DL-threit(ol)	
<b>Catalog Number:</b>	DTTBA5, DTTBA25	
<b>Molecular formula:</b>	$C_4H_{10}O_2S_2$	<b>M:</b> 154.25 g/mol
<b>CAS Number:</b>	3483-12-3	
<b>Storage:</b>	2-8°C	
<b>Solubility (20°C):</b>	1500 g/L (H <sub>2</sub> O)	
<b>Melting point:</b>	42-44°C	
<b>Toxicity:</b>	harmful, irritant	
<b>DNases/RNases/Proteases:</b>	not detectable	
<b>Assay (iodometr.):</b>	min. 99.5%	
<b>pH (0.1M; H<sub>2</sub>O):</b>	4.0-6.0 (20°C)	
<b>DTT (oxidized):</b>	max. 0.5%	
<b>Water (K.F.):</b>	max. 0.5%	
<b>A (1cm/0.02M in water):</b>	max. 0.05	
283nm:		

### Ordering information

Catalog N°	Size
DTTBA5	5g
DTTBA25	25g

**BioAmerica, Inc.**  
13230 SW 132<sup>nd</sup> Ave suite 33  
Miami FL 33186 USA  
Phone: (305) 395.7674  
Fax: (305) 395.5215  
support@bioamerica-inc.com

BioAmerica Inc. does not guarantee that the product can be used for a special application. This document does not release you from performing the standard upon receipt of incoming goods.