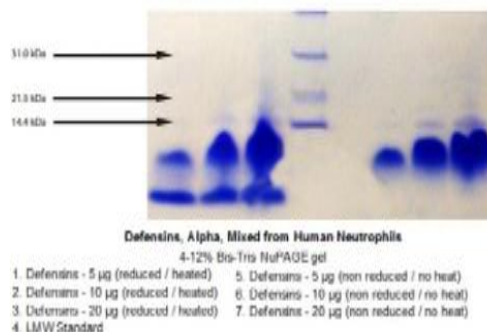


## DEF

### Native Human Defensins, Alpha, Mixed from Neutrophils

<b>Catalog No.</b>	CRC116A CRC116B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	Defensins alpha , HNP, Neutrophil defensins		
<b>Description:</b>	Defensins are small cysteine-rich cationic proteins found in both vertebrates and invertebrates. These mixed alpha defensins are purified from human neutrophils. These peptides are active in killing bacteria, fungi, and enveloped viruses, and therefore, enable the neutrophils to inactivate and destroy potential pathogens. Defensins damage or kill ingested microbes by penetrating the microbial's cell membrane by way of electrical attraction, and consequently forming pores in the membrane.		
<b>Source:</b>	Human neutrophils		
<b>Molecular Weight:</b>	< 3.5 kDa		
<b>Formulation:</b>	1 M acetic acid		
<b>Extinction Coefficient:</b>	$E_{280nm}^{0.1\%} = 2.95$		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Prepare aliquots and store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Infectious Disease Statement:</b>	Prepared from whole blood shown to be non reactive for HBsAg, anti-HCV, anti- HBc, and negative for anti-HIV 1 & 2 by FDA-required tests.		



**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



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