



Native Nucleosome Antigen (DAG-T1218)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Nucleosome antigen is prepared from calf thymus chromatin and contains the four core histones H2A, H2B, H3 and H4 bound to DNA of about 146 base pairs in length.
Purity	> 90% as determined by SDS-PAGE
Conjugate	N/A
Applications	ELISA, WB
Format	Liquid
Size	200 µg, 1mg
Buffer	20 mM Tris-HCl buffer, pH 8.0
Preservative	None
Storage	Store at -80°C
Ship	Dry ice

BACKGROUND

Introduction	<p>A nucleosome is the basic structural unit of DNA packaging in eukaryotes. The structure of a nucleosome consists of a segment of DNA wound around eight histone proteins and resembles thread wrapped around a spool. The nucleosome is the fundamental subunit of chromatin.</p> <p>Each nucleosome is composed of a little less than two turns of DNA wrapped around a set of eight proteins called histones, which are known as a histone octamer. Each histone octamer is composed of two copies each of the histone proteins H2A, H2B, H3, and H4.</p>
Keywords	ANA; AHA; SLE; Nucleosome