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## Product Data Sheet

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Product Name: Histone Bovine  
Cat. No.: GP23645  
Batch No.: 1

### Product Data

Purity	>98%	Source	Bovine tissues.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	Histone Bovine is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.		

### Introduction

Histone is vastly alkaline protein exists in eukaryotic cell nuclei which set and direct the DNA into structural units named nucleosomes. 5 key families of histones are: H1/H5, H2A, H2B, H3, including H4. The core histones are H2A, H2B, H3 and H4, whereas histones H1/H5 are identified as the linker histones. Moreover the dynamics of chromatin structure depend on posttranslational modification of histones in addition to the appearance of different histone variants. Histone H3 as well as H4 are modified covalently at several residues. The histone code is constitute by these and the H2A/H2B modifications.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

### Background

Histone Bovine is purified from bovine tissues by proprietary protein-chemical techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA