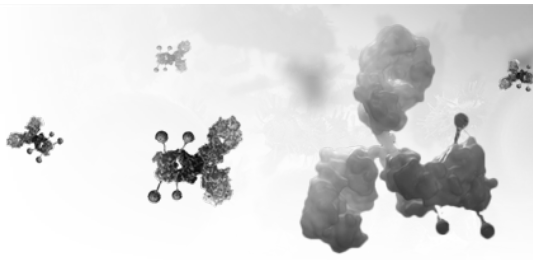

Human HIST1H1E (tri methyl K25, phospho S26) peptide (DAG-P0610)

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

PRODUCT INFORMATION

Antigen Description	Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the histone H1/H5 family.Contains 1 H15 (linker histone H1/H5 globular) domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	HIST1H1E histone cluster 1, H1e [Homo sapiens (human)]
Official Symbol	HIST1H1E
Synonyms	HIST1H1E; histone cluster 1, H1e; H1E; H1.4; H1F4; H1s-4; dJ221C16.5; histone H1.4; histone H1b; histone H1s-4; histone 1, H1e; H1 histone family, member 4;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Entrez Gene ID	3008
mRNA Refseq	NM_005321.2
Protein Refseq	NP_005312.1
UniProt ID	A3R0T8
Chromosome Location	6p21.3
Pathway	Activation of DNA fragmentation factor, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis induced DNA fragmentation, organism-specific biosystem; Apoptotic execution phase, organism-specific biosystem; Cellular Senescence, organism-specific biosystem; Cellular responses to stress, organism-specific biosystem; DNA Damage/Telomere Stress Induced Senescence, organism-specific biosystem; Formation of Senescence-Associated Heterochromatin Foci (SAHF), organism-specific bi
Function	chromatin DNA binding; poly(A) RNA binding; protein binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221