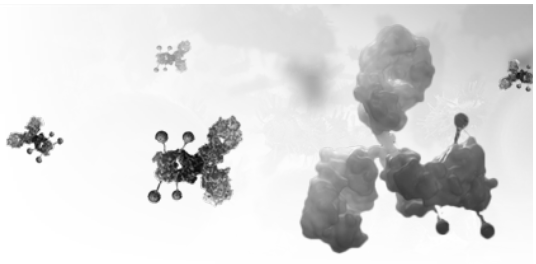

Human PON3 peptide (DAG-P1851)

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

PRODUCT INFORMATION

Antigen Description	This gene is a member of the paraoxonase family and lies in a cluster on chromosome 7 with the other two family members. The encoded protein is secreted into the bloodstream and associates with high-density lipoprotein (HDL). The protein also rapidly hydrolyzes lactones and can inhibit the oxidation of low-density lipoprotein (LDL), a function that is believed to slow the initiation and progression of atherosclerosis. Alternatively spliced variants which encode different protein isoforms have been described; however, only one has been fully characterized. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the paraoxonase family.
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	PON3 paraoxonase 3 [Homo sapiens (human)]
Official Symbol	PON3
Synonyms	PON3; paraoxonase 3; serum paraoxonase/lactonase 3; paraoxanase-3; arylesterase 3;
Entrez Gene ID	5446
mRNA Refseq	NM_000940.2

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

Protein Refseq	NP_000931.1
UniProt ID	Q15166
Chromosome Location	7q21.3
Pathway	Phase I, non P450, organism-specific biosystem;
Function	3,4-dihydrocoumarin hydrolase activity; aryldialkylphosphatase activity; arylesterase activity; arylesterase activity; dihydrocoumarin hydrolase activity; metal ion binding; protein homodimerization activity;

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