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To all our valued customers, a very Merry Christmas and Prosperous 2017!

BioScientific aims to keep our researchers and customers updated with news from our various suppliers with our Newsletter – We are constantly sourcing top quality products for your research.

Contact our office for the “HARD TO FIND” product! [info@biosci.com.au](mailto:info@biosci.com.au)

**VLV**bio

VLVbio AB Swedish biotechnology company

**M30 Apoptosense® ELISA**  
(Prod. No 10011)

The M30 Apoptosense® ELISA measures the concentration of caspase-cleaved keratin 18 in human plasma, serum or cell culture supernatants, reflecting the amount of apoptosis. The assay is based on the unique M30 antibody, which recognizes a neo-epitope of keratin 18 formed after caspase cleavage. The assay can be combined with the M65® ELISA for the analysis of cell death mode (necrosis or apoptosis). The M30 Apoptosense® ELISA is CE marked as a medical device for *in vitro* diagnostic use. All reagents are provided in a convenient ready-to-use format.

**VLVbio** is running an offer of free M30 Apoptense ELISA\* kits.

These kits could for example be perfect *sample/testing* kits for “**try before you buy!**”!

**Only a limited number available:**

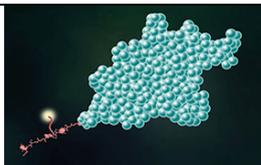
\*M30 Apoptosense ELISA  
batch PE-TS 2174  
exp. date 2017-02-28

If you are interested in receiving a free kit please contact [info@biosci.com.au](mailto:info@biosci.com.au)

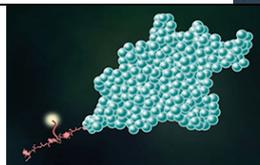
for further information and specification sheets.

BIOSYSTEMS  
**Acro**

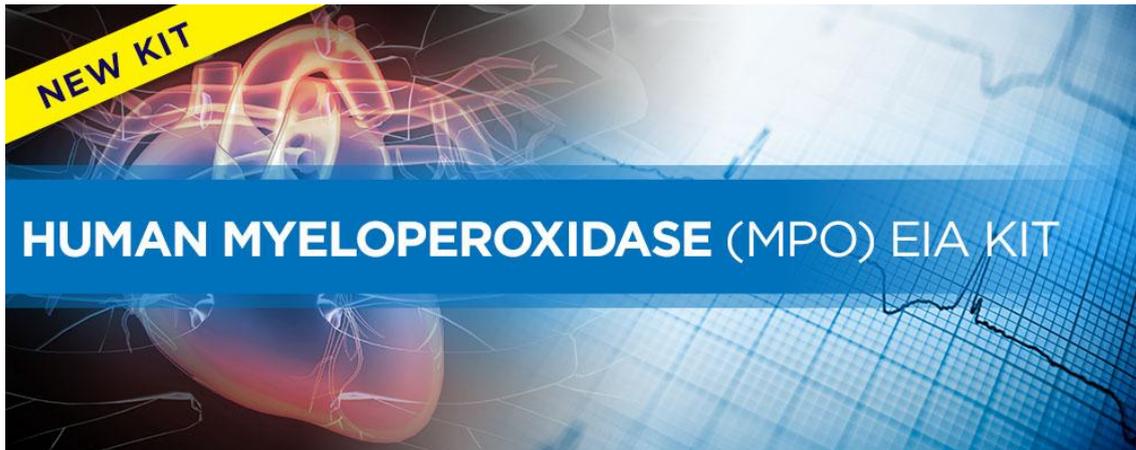
Bring Pre-labeled Biotinylated Proteins Directly to Your Bench –  
Contact :[info@biosci.com.au](mailto:info@biosci.com.au)



Avitag<sup>TM</sup> Biotin-labeled Proteins @ PrecisionAvi Series



Chemically Biotinylated Proteins @ UltraLys Series



Myeloperoxidase (MPO) is a tetrameric heme-containing protein abundantly produced in neutrophil granulocytes where it plays an important antimicrobial role. Normally stored in azurophilic granules, MPO is released into the extracellular space during degranulation. There, as part of the neutrophils "respiratory burst" it produces hypochlorous acid from hydrogen peroxide and  $\text{Cl}^-$ . MPO also uses hydrogen peroxide to oxidize tyrosine to the tyrosyl radical. Both hypochlorous acid and tyrosyl are cytotoxic and when present can kill bacteria and other pathogens. Hereditary deficiency of myeloperoxidase predisposes individuals to immune deficiency.

Arbor Assays has partnered with Athens Research and Technology to offer the best MPO EIA kit available. With 30 years of experience purifying highly active native human proteins, Athens Research and Technology provided superior quality native human MPO, which the Arbor Assays team then developed into a top of the line EIA featuring a unique antibody pairing along with careful optimization and our trademark exceptional quality control. The Athens Research and Technology/Arbor Assays human MPO EIA kit has been validated for serum, platelet-poor heparin plasma, saliva, urine and tissue culture media with results in just 2.5 hours and a sensitivity of 0.068 ng/ml. The kit is available for purchase- [Cat.# K060-H1](#)

**Features - High Purity native human MPO standard- Quick results\* 2.5hrs-Sensitivity \*0.068 ng/ml- Samples/kit 38 in duplicate – Stability – Liquid reagents @ 4 deg C**



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Human Genomic DNA?

If you are looking for reliable, trusted and exceptional quality human DNA you might find Cambio human placental genomic DNA useful for your project.

Cambio has a long-standing reputation in supplying the cytogeneticists with highly specific and effective chromosome paints as well as high purity human genomic DNA. If your protocol requires the use of human genomic DNA you might be interested to know that Cambio supply high quality and purity [sonicated human placental genomic DNA](#) and [intact human placental genomic DNA](#) in milligram or gram quantities.

For more information please contact BioScientific – [info@biosci.com.au](mailto:info@biosci.com.au)

**Immunology Feature Products - Vasoactive Intestinal Peptide (VIP)**

Cat. No.	Description
<a href="#">S-1471</a> <b>NEW</b>	VIP (human, mouse, rat) - EIA Kit (M - sr, pl), Host: Rabbit, Extraction-free, CE-marked
<a href="#">S-1202</a>	VIP (human, mouse, rat) - EIA Kit (R - sr, pl), Host: Rabbit, Extraction-free, CE-marked
<a href="#">S-1201</a>	VIP (human, mouse, rat) - EIA Kit (H - sr, pl), Host: Rabbit, Extraction-free, CE-marked
<a href="#">S-1183</a>	VIP (human, mouse, rat) - EIA Kit, Host: Rabbit, High Sensitivity, CE-marked
<a href="#">S-2214</a>	VIP (guinea pig) - RIA Kit, Host: Rabbit, CE-marked
<a href="#">S-2044</a>	VIP (human, mouse, rat) - RIA Kit, Host: Rabbit, CE-marked
<a href="#">T-4116</a>	VIP (human, mouse, rat) - Diluted Antiserum for RIA, Host: Rabbit
<a href="#">T-4245</a>	VIP (human, mouse, rat) - Purified Antiserum - IgG, Host: Rabbit
<a href="#">T-4246</a>	VIP (human, mouse, rat) - Undiluted Antiserum for Immunohistochemistry, Host: Rabbit
<a href="#">T-5029</a>	VIP (human, mouse, rat) - Diluted Antiserum for RIA, Host: Guinea Pig
<a href="#">T-5030</a>	VIP (human, mouse, rat) - Undiluted Antiserum for Immunohistochemistry Host: Guinea Pig

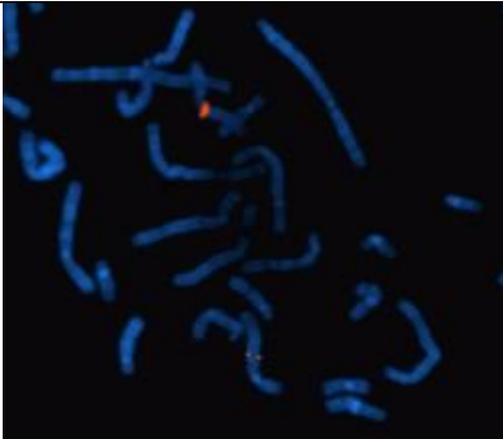
See additional products at [www.penlabs.com](http://www.penlabs.com)

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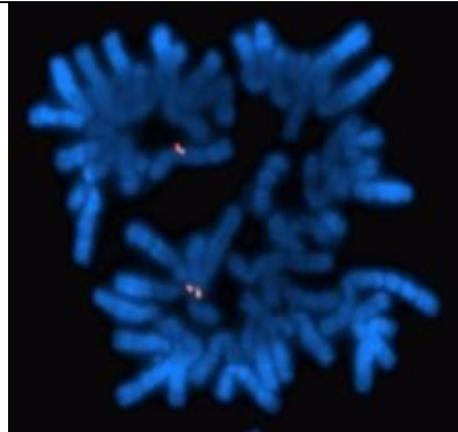


**HMGA2 & PLAG1 in Salivary Duct Carcinoma  
 Need to detect HMGA2 & PLAG1 Gene Fusions?**

HMGA2 & PLAG1 oncogene rearrangements have recently been discovered as fusion genes targeted in salivary duct carcinomas.



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**Buy PLAG1**

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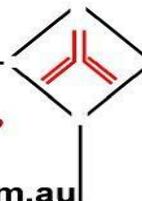
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**XKine™ proteins are expressed in several expression systems**  
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