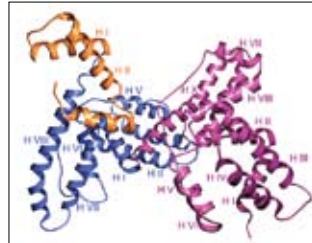


NEWSLETTER

NEW PRODUCTS

Vitamin D Assay

Vitamin D deficiency is becoming an increasing problem in western countries, particularly in children and pregnant women. Vitamin D deficiency can arise for a variety of reasons, most commonly inadequate intake combined with limited sun exposure. It can lead to a number of medical conditions including thin, brittle and misshapen bones, rickets in children and osteomalacia in adults. These severe medical conditions and the increasing numbers of sufferers mean that a readily available and accurate assay is required.



Vitamin D binding protein (VDBP), also known as group specific component and GC-globulin, is a 52kDa glycosylated alpha-globulin which belongs to the albumin gene family. It is the main carrier for vitamin D, showing the highest affinity for 25-hydroxy-cholecalciferol, commonly known as vitamin D3. It is synthesised mostly in the liver and secreted into the blood.

As well as offering vitamin D binding protein, SCIPAC offer a full range of vitamin D products, including human plasma with defined vitamin D levels and serum depleted in vitamin D to below detection limits. Both of these products are essential in vitamin D research and associated medical conditions such as rickets and Lupus.

Product	Code	Description
Vitamin D depleted serum	SF503-7/-2	A serum depleted in Vitamin D to below detectable levels
Vitamin D Binding Protein	P560*	The protein that binds Vitamin D found in normal plasma
Vitamin D plasma	SH370	Human plasma with defined vitamin D levels

FEATURES:

- New Products
- Vitamin D
- Cell culture reagents
- HbA1C
- Innovation Award goes to SCIPAC

+44 1795 423 077
www.scipac.com

Cell Culture

High quality, well defined media used for cell culture is essential for optimum cell response and survival. SCIPAC are the major manufacturer of Human Transferrin, specially purified for tissue culture use. Currently we offer Apo-transferrin, Holo-transferrin and Sidero-transferrin, supplied in a lyophilised form, pasteurised, and with measured iron content levels.

We are now in the process of expanding our range to include factors essential for growth promotion, including epidermal growth factor (EGF), others are nearing completion.

Cont'd Over ►►►

Product	Code	Description
Apo-Transferrin	T100-5	>98% pure, Pateurised, endotoxin low, iron level <30µg/g
Holo-Transferrin	T101-5	>98% pure, Pateurised, endotoxin low, iron level 1200-1600µg/g
Sidero-Transferrin	T102-5	>98% pure, Pateurised, endotoxin low, iron level 300-1000µg/g
EGF	T200-2*	Epidermal growth factor, >98% pure & lyophilised

* Pilot samples available

HbA1C and Diabetes

Hemoglobin is an iron containing metalloprotein with the role of transporting oxygen around the body. HbA1C, glycated hemoglobin A1C, is valuable in screening and monitoring diabetics. In fact, HbA1C measurement is now the recommended diagnostic screen, replacing the traditional blood sugar levels. Sugar levels, especially in early diabetes, can be difficult to interpret without careful monitoring. HbA1C levels however give a good indication of sugar levels over an integrated period of time.

SCIPAC stock a full range of HbA1C products, including the ultra pure protein, HbA1C control reagents, plasma positive for type 1 diabetes and HbA1C monoclonal antibodies. SCIPAC HbA1C control solutions are in a proprietary stabilising buffer, rendering the solutions very stable in the fridge. The stock solutions are stable frozen for at least two years. Once thawed they are then stable in the fridge unopened for a further 12 months. A HbA1C monoclonal antibody is available for assay development and production.

Product	Code	Description
HbA1C Antigen	P186-0B	>96% ultrapure in proprietary buffer
HbA1C Solutions	PS186	HbA1C protein solutions ranging from 2% to >25%
HbA1C antibodies	BM300	Monoclonal HbA1c antibodies with different clones available
Diabetes plasma	SH308	Plasma positive for type 1 diabetes

Hot Products

Product	Code	Description
Cystatin C Depleted	SF175	Serum depleted in Cystatin C to <0.05 mg/ml
Insulin Depleted Serum	SF501	Insulin depleted serum
Bikunin	P393-5	Bikunin - an indicator for inflammation

Please contact us if you would like further information on these hot new products.

People News..... SCIPAC Awards

The SCIPAC team are happy to receive recognition for their outstanding achievements, and this month their successes have been acknowledged by both local and national business organisations. Locally, the business community have awarded SCIPAC the 2009 Award for Innovation in business, plus an excellent dinner!

Nationally, a panel of famous business leaders and entrepreneurs have shortlisted SCIPAC in the finalists for Global Outlook and Expansion category in the 2009 UK Growing Businesses Award.

We are sure your confidence in SCIPAC's products and services is encouraged by this recognition of our hard work. We certainly love it!

