

Incretin Assay Kits Human / Mouse / Rat

- ✓ **High Sensitive and Specificity**
- ✓ **Comprehensive offers**
- ✓ **Competitive prices**

- ◆ **GLP-1 active (7-36/37)**
- ◆ **GLP-1 inactive (9-36/37) Unique!**
- ◆ **GIP active (1-42) Unique!**
- ◆ **GIP total**
- ◆ **Insulin (rodents)**



About IBL – Experts for Antibody / ELISA

Immuno-Biological Laboratories Co., Ltd. (IBL) is a Japanese antibody and ELISA developer. We are listed on JASDOQ and certified ISO13485. We are supplying over 100 ELISA kits and over 300 antibodies for international researchers for decades. We are confident for specificity and sensitivity of our antibodies and ELISA kits because we develop our products from selection of sequence of antigen to establish antibodies and ELISA kits in house. Further information is available from our website: <http://www.ibl-japan.co.jp/en/>

IBL incretin Assay kits – Reliable

- ✓ Antibodies and ELISA kits are all developed in-house.
- ✓ Native human blood samples are used for evaluation.
- ✓ Comprehensive products lineup for GLP-1 and GIP in same design.

How can I know the quality?– Try one!

Please feel free to contact us for your first try as we can provide you a special offer. We are more than happy for receiving your feedback.

Distributed by:

IBL Incretin / Insulin Assay Kits

Is your current assay required for extraction process (SPE) for GLP-1?

IBL has a comprehensive incretin assay kits and improved the sensitivity of our kit for measuring rodents samples and low concentration of incretin in fasting. Majority of our incretin assay kits are designed using specific monoclonal antibodies that were internally developed from selecting sequence of detecting region for immunogen. Selection of sequence for the immunogen is critical part for stabilising high specific monoclonal antibodies. IBL has a confident for the specificity and sensitivity for detecting targeted protein (GLP-1 and GIP).

Do you normally conduct extraction process for your assay of GLP-1 active form or you never worry about non-specific reaction like HAMA? Or GLP-1, active form (High Sensitive) ELISA has been evaluated about it and it has been confirmed that the extraction process (SPE) is NOT required for our ELISA #27700. (Fig.1) We have also evaluated the ELISA kit with native human blood samples for confirming the performance with native samples. (Fig.2) The ELISA kit is reliable for measuring GLP-1 active form without hectic extraction process. The data Fig 1 and 2 has also shown that the ELISA can detect low concentration of GLP-1 active form.

GLP-1 (ELISA – 96 Well)

Product Code	Product Name	Measurement Range
27700	GLP-1, Active Form (High Sensitivity) (Human, Mouse, Rat)*	0.25 ~ 16 pmol/L
27788	GLP-1 (9-36/37) (Human, Mouse, Rat)*	1.25 - 80.00 pmol/L

* Required volume for rodent sample is **20 µL**.

GIP (ELISA – 96Well)

Product Code	Product Name	Measurement Range
27201	GIP, Active form (Human)	0.31 - 20.07 pmol/L
27203	GIP, Total (Human)	1.88 - 120 pmol/L
27702	GIP, Active form (High Sensitivity) (Mouse)*	0.5 - 32 pmol/L
27701	GIP, Total (High Sensitivity) (Mouse)*	1.56 - 100pmol/L
27704	GIP, Active form (High Sensitivity) (Rat)*	0.14 - 8.80 pmol/L
27703	GIP, Total (High Sensitivity) (Rat)*	0.53 - 34 pmol/L

* Required volume of rodent samples is **5 µL**.

Insulin (27705, 27789 ELISA / 27707, 27708 CLEIA – 96 Well)

Product Code	Product Name	Measurement Range
27705	Total Insulin (High Sensitivity) (Mouse, Rat)*1	1.25 - 80 pg/mL
27707	Total Insulin CLEIA (Mouse, Rat) *2	41.15 - 30,000 pg/mL
27706	Intact Proinsulin (Mouse, Rat) *3	14.4 - 90 pg/mL
27708	Intact Proinsulin CLEIA (Mouse, Rat) *4	9.0 – 6,480 pg/mL

*1 Required volume of rodent samples is **2 µL**. *2 Required volume of rodent samples is **5 µL**.

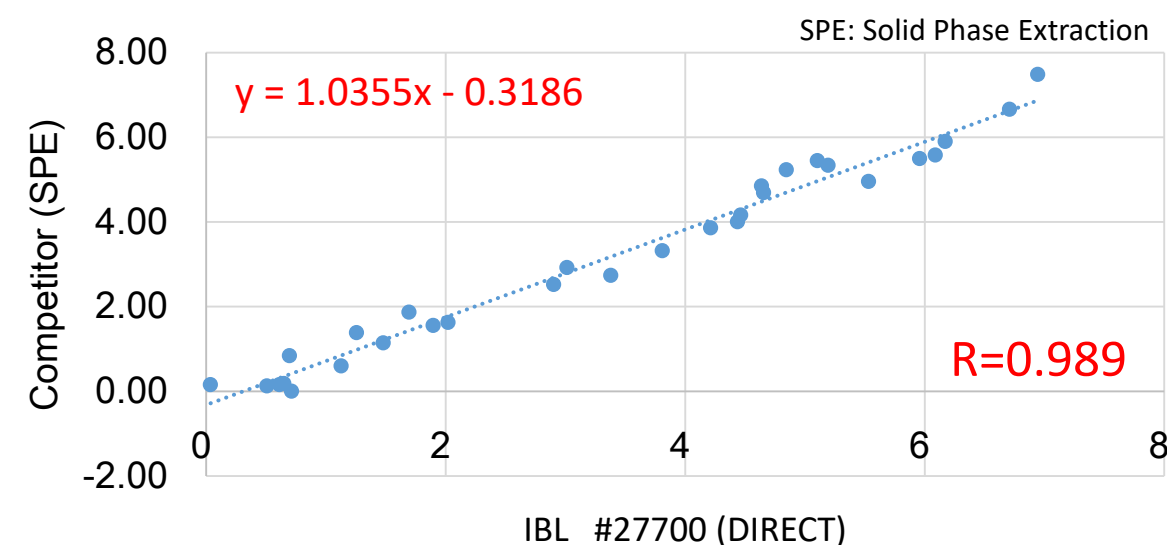
*3 Required volume of rodent samples is **20 µL**. *4 Required volume of rodent samples is **10 µL**.

Others

Product Code	Product Name	Measurement Range
27789	DPP4 / CD26 (Human)	125 - 8000 pg/mL

(Fig.1)

CORRELATION DATA
IBL #27700 (DIRECT) VS COMPETITOR (SPE)



(Fig.2)

No.	27700		
Assay	GLP-1, Active (pmol/L)		
Tube	BD P800		
subjects	Plasma		
Dilution	x2		
	0hr	1hr	2hr
No.1	1.1	5.2	4.6
No.2	0.7	6.0	6.2
No.3	1.3	6.7	5.5
No.4	0.7	6.9	3.0
No.5	0.0	2.9	1.9
No.6	1.7	6.1	3.8
No.7	0.6	4.4	4.2
No.8	1.5	5.1	4.5
No.9	0.7	3.4	2.0
No.10	0.5	4.7	4.8
Avg.	0.9	5.1	4.1

Fasting Test (Cookie meal test)

