

Supplementary table 1: Assay informations

Assay	Assay Technology	Antibody code	Epitope	Sensitivity (pM)	Specificity	Linear Range (pM)
Cholecystokinin	RIA	92128-5	C-terminal heptapeptide of bioactive CCKs	0.1	Detects all bioactive, O-sulfated CCKs (-58, -33, -22, -8) but no gastrin peptide	0.1-50
Chromogranin A	RIA	95058-5	Sequence 1-439 and 340-348	2	Detects all CgA fragments containing the epitope	2-200
Gastrin	RIA	2604-8	C-terminal heptapeptide of bioactive gastrins	0.5	Detects all bioactive gastrins (-71, -34, -17 and -14) but no CCK peptide.	0.5-100
GIP intact	RIA	98171	N-terminal	1	Reacts with the N-terminal part and not with truncated forms of GIP or related peptides	1-160
GIP total	RIA	80867-5	C-terminal	1	React fully with intact GIP and truncated forms of GIP	1-160
Glucagon intact	ELISA	10-1271-01	N-and C-terminal specific	1	Detect only pancreatic glucagon	1-170
Glucagon total	RIA	4305	C-terminal	1	Detect all bioactive forms of glucagon	1-200
GLP-1 intact	ELISA	F5, Mab 26.11	7-36/37	1	No cross-reactivity with N-terminal or C-terminal truncated forms of GLP-1	1-100
GLP-1 total	RIA	390	x-36NH2	1	Detect all amidated forms of GLP-1 equally	1-200
GLP-2 intact	RIA	92160	N-terminal part of GLP-2	1	Detect only intact GLP-2	1-160
Insulin	RIA	2006-3 and 2004-3		1	Detect all bioactive forms of insulin	1-160

Neurotensin total	RIA	3D97	N-terminal	1	Detect all bioactive forms of neurotensin	1-200
Oxyntomodulin/glicentin	RIA	645	C-terminal	5	Detect oxyntomodulin and glicentin equally	5-160
Pancreatic Polypeptide	RIA	7198	Side-viewing	1	Detect all bioactive forms of pancreatic polypeptide	1-100
PYY total	RIA	T-4093	Side-viewing	5	Detect all bioactive forms of PYY	1-160
Somatostatin	RIA	1758-5	Side-viewing	1	Detects all bioactive forms of somatostatin	1-100
Vasoactive Intestinal Polypeptide	RIA	1977	Side-viewing	5	Detects all bioactive forms of VIP	1-100