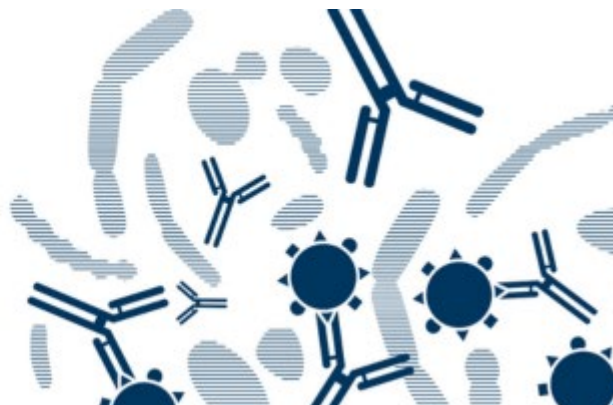




DISCOVER DIASOURCE KEY ANTIBODIES FOR THE GASTROINTESTINAL PANEL

Markers for gastrointestinal metabolism diagnostics are substances that can be measured to evaluate the function, health, and disorders of the gastrointestinal (GI) tract and metabolism. These markers help diagnose various conditions such as malabsorption syndromes, inflammatory bowel diseases, liver function abnormalities, pancreatic insufficiency, and other GI-related metabolic disorders.

To enhance diagnostic precision, we are introducing **matching pairs for the following biomarkers:**

- **Calprotectin:** protein biomarker that is present in the faeces when intestinal inflammation occurs. Faecal calprotectin testing prevents the need for unnecessary endoscopy procedures on many patients by screening out those with Irritable Bowel Syndrome (IBS). Measurement of faecal Calprotectin is considered a reliable indicator of inflammation and numerous studies show that while faecal Calprotectin concentrations are significantly elevated in patients with Inflammatory Bowel Disease (IBD) such as ulcerative colitis and Crohn's disease, patients suffering from IBS do not have increased Calprotectin levels.

Antibodies

Cat#	Size	Type	Clone/Host	Isotype	Format
5335806	1 mg	Mab	OCT 1*	IgG1	Purified Unconjugated
5335816	1 mg	Mab	OCT 2*	IgG1	Purified Unconjugated
5335826	1 mg	Mab	OCT 3**	IgG1	Purified Unconjugated
5335836	1 mg	Mab	OCT 4***	IgG1	Purified Unconjugated
5335846	1 mg	Mab	OCT 5*,****	IgG1	Purified Unconjugated

* Self-pairing

** Matching pairs

*** Matching pairs

Antigens

Cat#	Size	Type	Format
1302901	1 mg	Antigen	Liquid
1302902	1 mg	Antigen	Liquid
1302903	1 mg	Antigen	Liquid

- **Haemoglobin:** Many bowel abnormalities may develop into cancer over time and evolve without early warning signs or symptoms. Small amounts of blood in the stool may be a sign of colorectal cancer or other problems, such as polyps, ulcers, or haemorrhoids lesions. Testing patients for Faecal Occult Blood (FOB) is useful for cancer screening and helps the patients to receive earlier and better treatment.

Antibodies

Cat#	Size	Type	Clone/Host	Isotype	Format
5330506	1 mg	Mab	OCT 6*	IgG1	Purified Unconjugated
5330516	1 mg	Mab	OCT 7*	IgG1	Purified Unconjugated

* Matching pairs

Antigens

Cat#	Size	Type	Format
1302904	1 mg	Antigen	Liquid

- **Pancreatic Elastase :** a proteolytic enzyme produced in the pancreatic acinar cells. Elastase helps to break down fats, proteins, and carbohydrates, playing a key role in the digestive process. A faecal elastase test displaying low levels of faecal elastase can be indicative of Pancreatic Exocrine Insufficiency (PEI). PEI comes as a result of pancreatic damage such as Chronic Pancreatitis, Pancreatic cancer, type 1 diabetes, and additionally, inflammation from digestive diseases such as Crohn's disease or celiac disease can lead to PEI as well. from IBS do not have increased Calprotectin levels.

Antibodies

Cat#	Size	Type	Clone/Host	Isotype	Format
5340806	1 mg	Mab	OCT 8***	IgG1	Purified Unconjugated
5340816	1 mg	Mab	OCT 9*	IgG1	Purified Unconjugated
5340826	1 mg	Mab	OCT 10**	IgG1	Purified Unconjugated

Antigens

Cat#	Size	Type	Format
1302905	1 mg	Antigen	Liquid
1302906	1 mg	Antigen	Liquid

- **Pancreatic Polypeptide (PP):** a small peptide hormone produced by the pancreas, specifically by the F cells within the islets of Langerhans. It primarily plays a role in regulating appetite and digestion. It acts as a satiety signal, reducing food intake and promoting a feeling of fullness after a meal, while decreasing between meals can stimulate hunger. PP also influences the secretion of digestive enzymes from the pancreas and the absorption of nutrients in the gastrointestinal tract, particularly impacting the breakdown of carbohydrates, fats, and proteins. monitoring PP levels can serve as a diagnostic tool for various medical conditions related to the pancreas, gastrointestinal function, and appetite regulation.

Antibodies

Cat#	Size	Type	Clone/Host	Isotype	Format
5353416	1 mL	Mab	13H8 1F1	IgG1, Kappa	Purified unconjugated

FOR ADDITIONAL INFORMATION, PLEASE CONTACT :

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