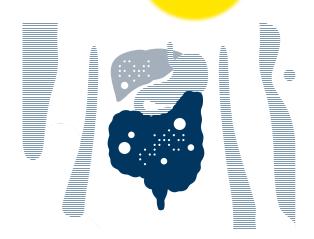
Microblot-Array Autoimmune gastroenteritis panel



Focus:

Inflammatory bowel disease (IBD), celiac disease, and pernicious anemia

Included in the kit	6 Antige	ens
Autoimmune gastroenteritis	ASCA, DA	AG, tTG, IF, APCA, MPO
IBD Crohn's disease	ASCA	Anti-Saccharomyces cerevisiae antibodies Interacts with Mannan of the cell wall of Saccharomyces cerevisiae Differential diagnosis of IBD (specific marker for Crohn's disease – detection in 60–80% of patients) Detected in 5-15% of patients with ulcerative colitis The level of antibodies may be increased in patients with celiac disease
Ulcerative colitis	МРО	Myeloperoxidase - Subtype of p-ANCA, forming a perinuclear fluorescence image - Differential diagnosis of IBD (specific marker for ulcerative colitis) - Diagnosis of rapidly progressive nephritis, necrotizing glomerulonephritis, Churg-Strauss syndrome, microscopic polyangiitis and other vasculitis
	DAG	Deamidated gliadin Deamidation refers to the modification of gliadin by the enzyme tissue transglutaminase Important marker for celiac disease Antibody levels can be monitored over time to assess gluten-free diet
Celiac disease	tTG	Tissue transglutaminase - An enzyme found in various tissues, including the small intestine - Ability to convert gliadin to deamidated gliadin - An important marker for celiac disease, IgA antibodies are predominant - Antibody levels can be monitored over time to assess the gluten-free diet
Pernicious	IF	Intrinsic factor - Glycoprotein produced by parietal cells (important for the absorption of vitamin B12) - Diagnosis of pernicious anemia, inability to absorb vitamin B12
anemia	APCA	Anti-parietal cell antibodies - Autoantibodies to parietal cells - Diagnosis of autoimmune gastritis and related conditions (decrease in the production of IF necessary for the absorption of vitamin B12, which can lead to pernicious anemia)

Pre-launch testing - Validation kit

Microblot-Array (MBA) Autoimmune gastroenteritis panel – validation kit is a specialized, non-IVD kit, intended for the assessment of the performance and validation of the kit for future diagnostic applications.

Usage Limitations

Microblot-Array Autoimmune gastroenteritis panel – validation kit is not certified under the *In Vitro* Diagnostic Regulation (IVDR) and is not intended for clinical diagnostic use. As such, it should not be used for providing results intended for patient management or clinical decision-making. Please note that future versions of the kit may or may not be developed and validated for in vitro diagnostic purposes under appropriate regulatory requirements.



Assay procedure

Test steps

Step No.

The assay procedure for MBA Autoimmune gastroenteritis panel – Validation Kit is the same as in the standard version. Serum and plasma can be used as a sample.

•	1.	Pipette Universal Solution – 150 μl
•	2.	Wells soaking at room temperature for 10 min.
8	3.	Aspirate off
I	4.	Dilute samples serum/plasma 1:51 (10 μl + 500 μl)
_	_	Pipette control and diluted samples -

D	6.	Incubate at room temperature
		for 30 min.

100 ul

② 7.	Solution	
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	8.	Aspirate and wash 3 x 5 min. with 150 µl
		of Universal Solution

Pipette Conjugate - 100 µl

for 30 min.

	11.	Quick wash using the Universal
\otimes		Solution

	12.	Aspirate and wash 3 x 5 min. with 150 µl
		of Universal Solution

13.	Pipette Substrate Solution (BCIP/NBT)
13.	– 100 µl

17. Dry and evaluate strips



TestLine Clinical Diagnostics s.r.o.

Křižíkova 68, 612 00 Brno, Czech republic +420 549 121 205 (209, 238) sales@testlinecd.com www.testlinecd.com



