



# HUM2N

GUT BARRIER PANEL		Sample: Bloodspot	
Client ID:	0000000	Date Drawn:	00/00/2024
NAME:	Sample Female	Date Completed:	00/00/2024
Date of Birth:	13/12/1989		

**Gut Barrier Panel**

HUM2N has created a unique Gut Barrier Panel which in recognition that leaky gut occurs across a spectrum we have included the following gatekeeper markers: Candida, Zonulin, Occludin and LPS. For each marker, we measure IgG 1-4/ C3d in addition to IgA 1 & 2.

Gut Barrier Panel		
	IgG1-4+C3d	IgA1-2
Candida	Positive	Positive
Zonulin	Positive	Positive
Occludin	Negative	Negative
LPS	Negative	Negative

**Candida:**  
we measure and use any candida overgrowth in the stomach/dysbiosis as a precursor to leaky gut occurrence

**Zonulin:**  
Is a marker of intestinal permeability, otherwise known as leaky gut. If a patient has elevated Zonulin levels, the normal regulation of the tight junctions is compromised.

**Occludin:**  
is a marker of tight junction stabilization and optimal barrier function. Elevated occludin indicates that the tight junctions are breaking down.

**LPS:**  
Lipopolysaccharides (LPS) are a major structural component of the outer membrane of gram-negative bacteria. Elevated levels of antibody against LPS may be indicative of Leaky Gut Syndrome and other gastrointestinal inflammatory diseases.

**GB Panel Interpretation:**  
If any of the 8 markers are positive, we recommend to consult your provider with regards to a gut healing protocol.