



2602 S. 24th Street Phoenix, AZ 85034
 Tel 602 759 1245 Fax 602 759 8331 www.CyrexLabs.com

ACCESSION #: [REDACTED]
 REQUISITION #: [REDACTED]
 SAMPLE TYPE: Serum
 DOCTOR / PATIENT ID:
 PAGES: 1 of 1

DATE COLLECTED: [REDACTED]
 DATE RECEIVED: [REDACTED]
 DATE OF REPORT: [REDACTED]

PRACTITIONER

[REDACTED]

PATIENT

Name: [REDACTED]
 DOB: [REDACTED]
 Gender: M

TEST	RESULT			
	IN RANGE (Normal)	EQUIVOCAL*	OUT OF RANGE	REFERENCE (ELISA Index)
Array 2 – Intestinal Antigenic Permeability Screen				
Actomyosin IgA **	10.04			0.0-20
Occludin/Zonulin IgG	0.41			0.2-1.5
Occludin/Zonulin IgA	0.96			0.1-1.8
Occludin/Zonulin IgM			2.17	0.1-2.1
Lipopolysaccharides (LPS) IgG	0.36			0.1-1.6
Lipopolysaccharides (LPS) IgA	0.63			0.1-1.8
Lipopolysaccharides (LPS) IgM		1.58		0.1-2.0

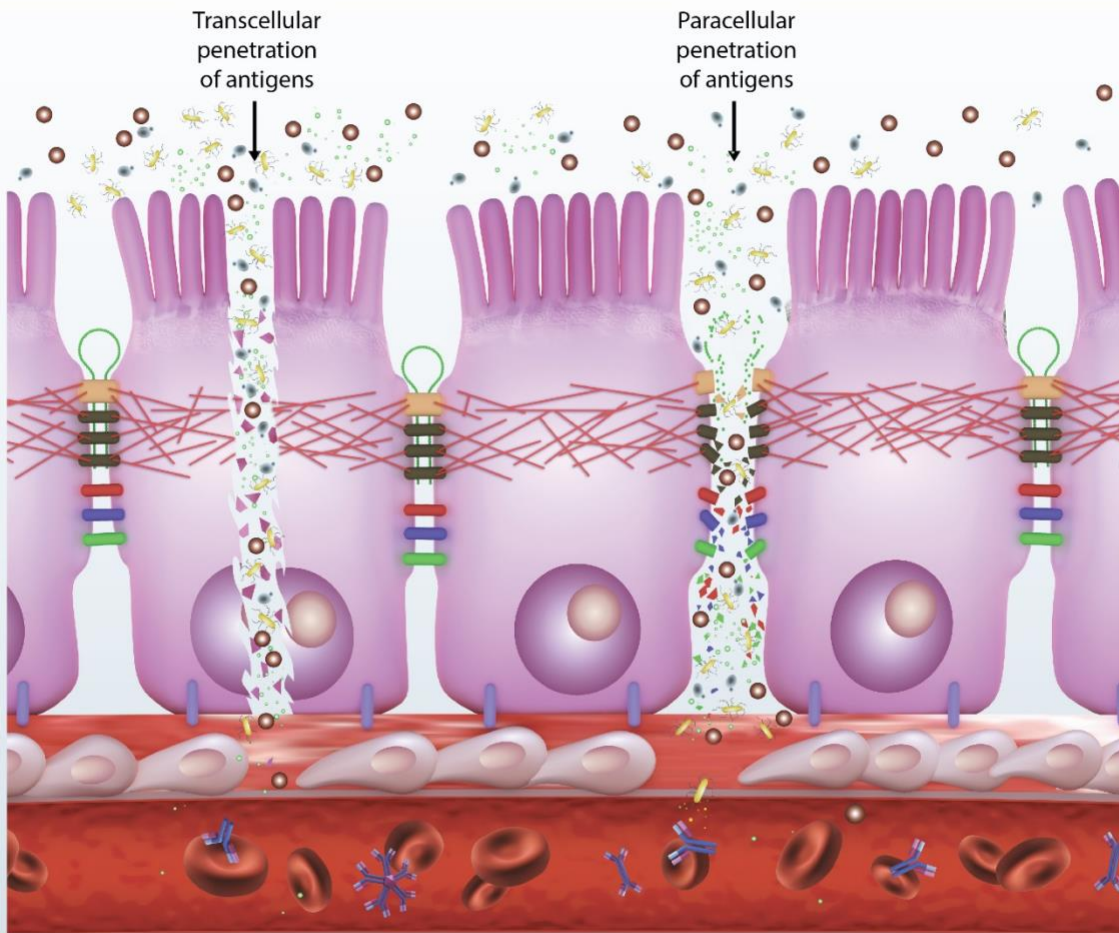
* Reference ranges are calculated based on the mean \pm 2 standard deviations (SD). Results > 1 SD, and < 1 SDs above the mean are considered to be equivocal. An equivocal result represents the range between negative and suspicious low positive results. Results > 2 SDs are considered out of range, and positive.





Mark G. Karlub, M.D., Medical Director

**Actomyosin IgA results were obtained utilizing the INOVA Diagnostics Inc. QUANTA LITE Actin IgA kit. ≤ 20 units is considered a negative result, 20.1-24.9 units is an equivocal result and ≥ 25 units is a positive result. Actin values obtained from different manufacturer's assay methods may not be used interchangeably. The magnitude of the reported IgA levels cannot be correlated to an endpoint titer.

Cyrex Laboratories is certified under the Clinical Laboratory Improvement Amendments of 1988 ("CLIA") as qualified to perform high-complexity clinical testing. Test result data on its own does not constitute a diagnosis. Only a physician or qualified healthcare professional should interpret the significance of a clinical lab test or make a diagnosis. This test was developed and its performance characteristics determined by Cyrex Laboratories, LLC. The names and titles of tests and arrays are for reference purposes only.

TRANSCELLULAR & PARACELLULAR ROUTES OF INTESTINAL BARRIER PENETRATION



Antigens Measured	
	Actomyosin Proteins
	Occludin/Zonulin Proteins
	Lipopolysaccharides
	Endotoxins from Gram-Negative Bacteria