



<b>FIT 176 A Test for IgG1-4 and C3d</b>		<b>Sample Type: Bloodspot</b>	
Name:	STENT, STUART	Date Drawn:	03/18/2025
Date of Birth:	03/11/1978	Date Completed:	04/04/2025
Accession Number:	220936	Provider:	Tina Wang - CID: 4188

<b>List of Restricted Foods:</b>	
<b>4+ Reactions:</b>	Casein Wheat, Gliadin Wheat, Gluten Wheat, Whole Cashew
<b>3+ Reactions:</b>	Chicken
<b>2+ Reactions:</b>	Cow's Milk Goat's Milk Egg Yolk Pecan

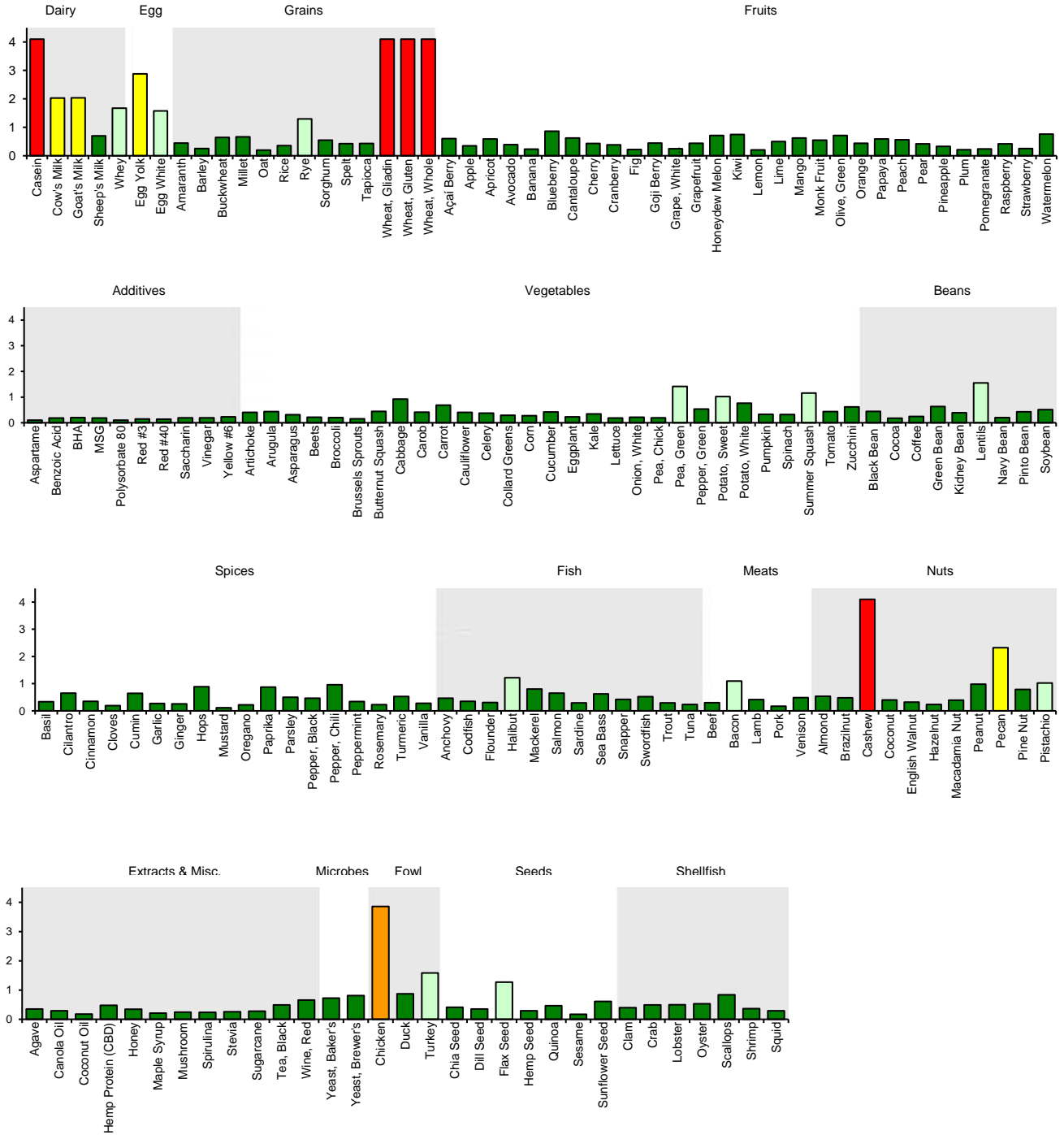
<b>Laboratory Information:</b>	
KBMO Diagnostics 4 Business Way Hopedale, MA 01747 Jia He, PhD, NRCC Laboratory Medical Director	Phone: 617-933-8130 Fax: 617-933-7660 E-mail: LabSupport@KBMODiagnostics.com CLIA ID #: 22D2095272 <b>Patent #: 8309318</b>

This test was developed and its performance characteristics were determined by KBMO Diagnostics, LLC. It has not been cleared by the U.S. Food & Drug Administration (FDA).



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Severe Reaction 4+  
 High Reaction 3+  
 Moderate Reaction 2+  
 Mild Reaction 1+  
 No Reaction Negative





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**Gut Barrier Panel**

KBMO 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 and Occludin and LPS. For each marker, we measure IgG 1-4 /C3d in addition to IgA 1 and 2.

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

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. This Zonulin marker is unique to KBMO please follow the link for more information:  
<http://kbmodiagnostics.com/zonulin-test/>

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. For more information on LPS, please visit the following link:  
<https://kbmodiagnostics.com/gut-barrier-panel/>

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

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