

FUNCTIONAL PATHOLOGY

1868 DANDENONG ROAD CLAYTON VIC 3168 PH: 1300 554 480

PATIENT: SAMPLE RA PATIENT ABCD ROAD CLAYTON VIC 3168 PH: DOB: 01/01/1980 SEX: MALE UR#: REF:	REQUEST DETAILS: LAB REF: 16-4803496-IPP-0 REFERRED: 04/03/16 COLLECTED: 15/03/16 NS REPORTED: 13/10/16 13:10 TESTED: 22/03/16 BATCH: 0 2	V25
	Dr SAMPLE DOCTOR PRIVATE BAG 0000 CLAYTON VIC 3168	

INTESTINAL PERMEABILITY

SPECIMEN: Urine

Date	15/03/2016
Collection Time	NS
Request	16-4803496

		Units	Reference Range
Lactulose Recovery	0.83*	%	< 0.31
Mannitol Recovery	14.2	%	9.5 - 25.0
Lactulose:Mannitol Ratio	0.058*		< 0.036

Comments:

Elevated levels of lactulose are indicative of general increased permeability and "leaky gut". Damage to the lining of the gastrointestinal tract (small and large intestine) is common in people with conditions such as food sensitivity and food allergy, irritable bowel syndrome, Crohn's disease, arthritis, coeliac disease and dermatological conditions such as eczema, psoriasis and acne. Possible causes of mucosal hyper permeability (leaky gut) are: exposure to toxic substances (drugs such as NSAIDs and alcohol, chemical exposure), food allergy/sensitivity, intestinal dysbiosis, parasite, yeast or bacterial infection, maldigestion (includes hypochlorhyria, pancreatic insufficiency), small bowel bacterial overgrowth (SIBO) or IBD. Treatment considerations may include

- Remove mucosal irritants
- Remove possible pathogens
- Reduce sugar, refined CHO, saturated fats
- Reduce stressors
- Consider prebiotic supplementation
- Consider supplementation with Glutamine, glucosamine, slippery elm, psyllium, pectin, vitamins A, C, & E, zinc, selenium, essential fatty acids, bioflavonoids (quercetin)

Mannitol recovery is within range.

NATA accreditation does not cover the performance of this service.

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ALL TESTS COMPLETE

PANEL CODES: IPP-R