

P: 1300 688 522
E: info@nutripath.com.au

16 HARKER STREET
BURWOOD VIC 3125


Dr.SAMPLE REPORT
TEST HEALTH CENTRE
123 TEST STREET
BURWOOD VIC 3125

LAB ID : 3814183
UR NO. :
Collection Date : 09-May-2022
Received Date:09-May-2022



3814183

BIOCHEMISTRY

BLOOD - SERUM	Result	Range	Units	
1,5 Anhydroglucitol	6.2 *L	6.8 - 29.3	mg/L	
Glycated Haemoglobin Comment				
1,5-AG Comment:				
1,5-Anhydroglucitol (1,5-AG) is renally excreted in association with glycosuria, which typically occurs when the blood glucose exceeds 10.0 mmol/L. GLYCOMARK values <10 mg/L indicate frequent blood glucose excursions above 10 mmol/L over the past 1-2 weeks. The lower the GLYCOMARK, the higher the average peak glucose level. This is most useful in identifying patients with HbA1c levels between 6 and 8% who have significant post-prandial hyperglycaemia but normal pre-prandial HBGM. Falsely low results may be seen with advanced kidney disease, in pregnancy (due to a lowered glucose renal threshold), and in patients treated with SGLT2 inhibitors. Use of certain Chinese medicines (Polygala, Tenuifolia and Senega Syrup) may cause high 1,5-AG values.				

Test performed by accredited laboratory NATA: 2133

BLOOD - SERUM	Result	Range	Units	
INSULIN (FASTING)	25.0 *H	0.0 - 17.0	uIU/ml	

ENDOCRINOLOGY

BLOOD - SERUM	Result	Range	Units	
C-PEPTIDE	12.00 *H	0.33 - 1.47	nmol/L	

ENDOCRINOLOGY COMMENTS

C-PEPTIDE ELEVATED:

If fasting glucose levels are also elevated , suggestive of Type 2 Diabetes or Insulin resistance.

If fasting glucose level is low, suggestive of insulinoma, influence of medications, Cushing's disease, kidney failure.

C-peptide is generally found in amounts equal to insulin as both are produced simultaneously from the same precursor. As such it is a good indicator of insulin production by the pancreas.



C-peptide can differentiate between the presence of type 1 diabetes or type 2 diabetes

Type 1 diabetics (whose pancreas does not produce insulin) have low levels of C-Peptide (and Insulin) whilst Type 2 diabetics have a normal or high level of C-peptide.

C-peptide test can also help find the possible causes of low blood sugar (hypoglycemia),

i.e Excessive use of diabetic medicines (Low Cpeptide Levels)
Presence of insulinoma (high C -peptide level)

IMMUNOLOGY

BLOOD - SERUM	Result	Range	Units	
INSULIN ABS	8.0	0.0 - 10.0	IU/mL	
GLUTAMIC ACID DECARBOXYLASE	6.0	0.0 - 10.0	units/mL	

Tests ordered: CPEP,INSF,INSULIN AB,GAD,IMPEI,CFee,15AHG

(*) Result outside normal reference range (H) Result is above upper limit of reference rang (L) Result is below lower limit of reference range