LABORATORY REPORT

Redcliffe labs

Patient Name	:	Bill Date	:
DOB/Age/Gender	:	Sample Collected	:
Patient ID / UHID	:	Sample Received	:
Referred By	:	Report Date	:
Sample Type	:	Barcode No	:
Client	:	Report Status	:

Test Description	Value(s)	Unit(s)	Reference Range

BIOCHEMISTRY REPORT

Immunoglobulin IgG Subclass 4 (IgG4)

IgG4 Sub class	1.18	g/L	0.03-2.0

Method : (Serum,Nephelometry)

Interpretation:

IgG subclass elevations :

1. Atopic eczema and dermatitis
2. In allergy to many different allergens, allergen-specific IgG antibodies are predominantly of the IgG4 subclass and their levels increase during desensitization therapy, initially mainly IgG1 is formed,whereas IgG4 becomes more prominent after 1 -2 years.
3. Autoimmune pancreatitis

IgG subclasses in other diseases :

1. Patients with recurrent infections by encapsulated bacteria often show decreased levels of IgG2 and IgG4.
2. Recurrent respiratory infections with bronchiectasis are often associated with decreased levels of IgG2, IgG3 and IgG4.
3. Auto antibodies to ANCA are predominantly of the IgG1 and IgG4 subclass.

IgG subclass deficiencies :

Immunodeficiency conditions	IgG Subclass deficiencies
IgA deficiency	Frequently associated with IgG2 and IgG4 deficiencies but IgG3 deficiencies may also occur.
Common Variable Immuno- deficiency (CVID)	Associated with decreased levels of IgG1, IgG2 and IgG4
Wiskott -Aldrich Syndrome (WAS)	IgG3 and IgG4 deficiencies are observed
Ataxia telangiectasia	IgG2 and IgG4 levels are usually very low, sometimes also associated with IgG3 deficiency.
Chronic Mucocutaneous Candidiasis	Some patients have IgG2 and IgG4 deficiency, although isolated IgG2 and IgG3 deficiencies are also observed.
HIV-infection (stages III and IV)	IgG2 and IgG4 levels are often decreased, while levels of IgG1 and IgG3 are increased.
Radiation exposure, chemotherapy (bone-marrow transplantation)	Often associated with low levels of IgG2 and IgG4.

Sohini Sengupta

Dr. Sohini Sengupta
MD (Cl Biochemistry), DNB,
FNB (Lab Medicine)
Medical Laboratory Director
HOD (Biochemistry & Special Assays)

CONDITIONS OF REPORTING

1. It is Presumed that specimen belongs to patient named or identified, such verification being carried out at the point of generation of said specimen

2. A test might not be performed due to following reason:

- Specimen Quantity not sufficient (Inadequate collection/spillage during transit)
- Specimen Quality not acceptable (Hemolysis/clotted/lipemic.)
- Incorrect sample type
- Test cancelled either on request of patient or doctor

In any of the above case a fresh specimen will be required for testing and reporting

3. The results of the tests may vary from lab to lab ; time to time for the same patient

4. The reported results are dependent on individual assay methods, equipment, method sensitivity, specificity and quality of the specimen received

5. Partial representation of report is not allowed

6. The reported tests are for the notification of the referring doctor, only to assist him/her in the diagnosis and management of the patient

7. If Sample collection date is not stated on test requisition form, the current date will be printed by default as the date of collection.

8. Report with status “Preliminary” means one or more test are yet to be reported

9. This report is not valid for Medico Legal Purpose

10. Applicable Jurisdiction will be of “Delhi” for any dispute/claim concerning the test(s) & results of the test (s)

Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.

2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.

3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.

4. This report shall not be deemed valid or admissible for any medico-legal purposes.

5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.