Thyrocare

Tests you can trust

Name : XXXXXXXX

Date : XXXXXXXXX

Test Asked : Pollution Inflammation Profile

Report Status : Complete Report

Dummy Report



First National Diagnostic Chain to have 100% of its Labs with NABL Accreditation#

98% Reports released within 06 Hours of sample reaching the lab+

9 out of 10 Doctors Trust that Thyrocare reports are Accurate & Reliable*

1200+ Tests & Profiles

Temperature-Controlled Sample Logistics

Unique Barcode Tracking

Fully Automated Machines Inspected Daily

Abnormal Values Re-Checked Twice

Reports Verified By Expert MD Pathologists Stationed at Every Lab

Your reports are digitally verifiable

Scan the QR code inside the report to check authenticity of reported values

QR code will remain active for 30 days from report release date

Accredited by

NABL From 2005#

ISO 9001: 2015 - From 2015

CAP From 2007~

Processed At :

Thyrocare
Tests you can trust

Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703. 9870666333 wellness@thyrocare.com

First National Diagnostic Chain to have 100% of its Labs with NABL Accreditation#

Patient Name : XXXXXXXXXXXX
Referred By : XXXXXXXXXXXX
Sample Collected At : XXXXXXXXXXXX

Tests Done : POLLUTION INFLAMMATION PROFILE

Report Availability Summary

Note: Please refer to the table below for status of your tests.

3 Ready | **0** Ready with Cancellation | **0** Processing | **0** Cancelled in Lab

TEST DETAILS	REPORT STATUS
POLLUTION INFLAMMATION PROFILE	Ready
C-REACTIVE PROTEIN (CRP)	Ready
ERYTHROCYTE SEDIMENTATION RATE (ESR)	Ready
TOTAL IGE	Ready

Dummy Report

Patient Name	: XXXXXXXXXXXX	**Sample Collected on (SCT)**	: XXXXXXXXXXXX
Referred By	: XXXXXXXXXXXX	**Sample Received on (SRT)**	: XXXXXXXXXXXX
Sample Collected At	: XXXXXXXXXXXX	**Report Released on (RRT)**	: XXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ERYTHROCYTE SEDIMENTATION RATE (ESR)	MODIFIED WESTERGREN	< 7.5	mm / hr

Bio. Ref. Interval. :-

Male : 0-15 Female : 0-20

Clinical Significance:

- An erythrocyte sedimentation rate (ESR) is a blood test that can rise if you have inflammation in your body. Its also used as a marker to monitor prognosis of an existing inflammatory/infective condition.
- Inflammation is your immune systems response to injury, infection, and many types of conditions, including immune system disorders, certain cancers and blood disorders.
- A high ESR test result may be from a condition that causes inflammation, such as: Arteritis, Arthritis, Systemic vasculitis, Polymyalgia rheumatica, Inflammatory bowel disease, Kidney disease, Infections like Tuberculosis etc, Rheumatoid arthritis and other autoimmune diseases, Heart disease, Certain cancers and many other Conditions.
- A low ESR test result may be caused by conditions such as: A blood disorder, such as: Polycythemia, Sickle cell disease (SCD), Leukocytosis, Heart failure, Certain kidney and liver problems etc.
- Certain physiological conditions also affect ESR results, these include : Pregnancy, menstrual cycle, ageing, obesity, drinking alcohol regularly, and exercise, Certain medicines and supplements also can affect ESR results.
- Hence Its always suggested to interpret ESR results in conjunction with Clinical History and other findings.

References :
https://medlineplus.gov/lab-tests/erythrocyte-sedimentation-rate-esr/

Please correlate with clinical conditions.

Method:- MODIFIED WESTERGREN

Dummy Report

Tests Done : ESR

Doctor 1 Sign **Doctor 2 Sign**

Patient Name	: XXXXXXXXXXXXX	**Sample Collected on (SCT)**	: XXXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXX	**Sample Received on (SRT)**	: XXXXXXXXXXXXX
Sample Collected At	: XXXXXXXXXXXXX	**Report Released on (RRT)**	: XXXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
C-REACTIVE PROTEIN (CRP)	IMMUNOTURBIDIMETRY	1.33	mg/L

Bio. Ref. Interval. :-

Acute phase determination : < 5 mg/L

Clinical Significance:
It's a protein present in the sera of acutely ill patients that bound cell wall C-polysaccharide of streptococcus pneumoniae and agglutinates the organisms. CRP is one of the strongest acute -phase reactants, with plasma concentrations rising up after myocardial infarction, stress, trauma, infection, inflammation, surgery, or neoplastic proliferation.

Concentrations >5 mg/L suggest the presence of an infection or inflammatory process. Concentrations are generally higher in bacterial than viral infection. The increase in peak is proportional to tissue damage. Determination of CRP is clinically useful to screen activity of inflammatory diseases such as rheumatoid arthritis; SLE;Leukemia;after surgery;to detect rejection in renal allograft recipients;to detect neonatal septicemia and meningitis. However, it is a nonspecific marker and cannot be interpreted without other clinical information.

Reference:
Tietz Textbook of clinical chemistry and molecular diagnosis fifth edition chapter 21 P538-539

Please correlate with clinical conditions.

Method:- FULLY AUTOMATED LATEX AGGLUTINATION – BECKMAN COULTER

Dummy Report

Tests Done : POLLUTION INFLAMMATION PROFILE

Doctor 1 Sign **Doctor 2 Sign**

Patient Name	: XXXXXXXXXXXXX	Sample Collected on (SCT)	: XXXXXXXXXXXXX
Referred By	: XXXXXXXXXXXXX	Sample Received on (SRT)	: XXXXXXXXXXXXX
Sample Collected At	: XXXXXXXXXXXXX	Report Released on (RRT)	: XXXXXXXXXXXXX
		Sample Type | Barcode	: XXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
TOTAL IGE	C.L.I.A	< 50	IU/mL

Bio. Ref. Interval. :-

Age	Value
0 - 1 Year	1.40 - 52.3
1 - 4 Years	0.40 - 351.6
5 - 10 Years	0.50 - 393
11 - 15 Years	1.90 - 170
Adults	< 158

Clinical significance:
Quantitative measurement of serum IgE when integrated with other clinical indicator, can provide useful information for the differential clinical diagnosis of Atopic and Non-Atopic disease. Patients with Atopic disease, including allergic asthma, allergic rhinitis and Atopic dermatitis commonly have moderately elevated serum IgE levels. However, a serum IgE level that is within the range of normally expected values does not rule out a limited set of IgE allergy. For diagnostic purpose, results should always be assessed in conjunction with the patients medical history, clinical examination and other findings.

Specifications:
Precision: Intra assay (%CV): 7.2 %, Inter assay (%CV): 5.4 %; Sensitivity: 1.5 IU/ml

Kit validation references
Kjellman N-IM, Johansson SGO, Roth A. Serum IgE levels in healthy children by a sandwich technique. (Prist). Clin Allergy 1976: 6:51-9.

Please correlate with clinical conditions.
Method:- TWO SITE SANDWICH IMMUNOASSAY

~~ End of report ~~

Dummy Report

Tests Done : POLLUTION INFLAMMATION PROFILE

Doctor 1 Sign **Doctor 2 Sign**

CONDITIONS OF REPORTING

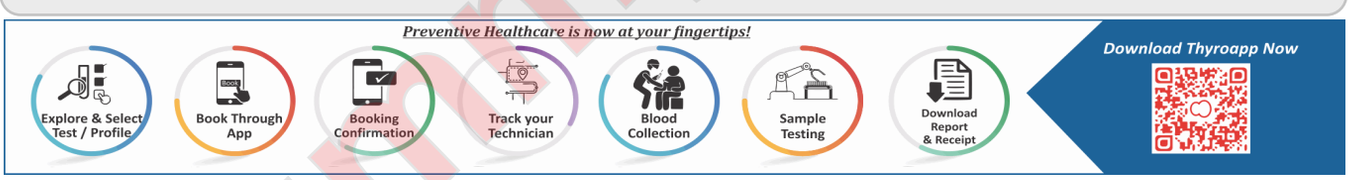
- The reported results are for information and interpretation of the referring doctor only.
- It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- This report is not valid for medico-legal purpose.
- Neither Thyrocare, nor its employees/representatives assume: (a) any liability, responsibility for any loss or damage that may be incurred by any person as a result of presuming the meaning or contents of the report, (b) any claims of any nature whatsoever arising from or relating to the performance of the requested tests as well as any claim for indirect, incidental or consequential damages. The total liability, in any case, of Thyrocare shall not exceed the total amount of invoice for the services provided and paid for.
- Thyrocare Discovery video link :- https://youtu.be/nbdYeRgYyQc

EXPLANATIONS

- Majority of the specimen processed in the laboratory are collected by Pathologists and Hospitals we call them as "Clients".
- **Name** - The name is as declared by the client and recored by the personnel who collected the specimen.
- **Ref.Dr** - The name of the doctor who has recommended testing as declared by the client.
- **Labcode** - This is the accession number in our laboratory and it helps us in archiving and retrieving the data.
- **Barcode** - This is the specimen identity number and it states that the results are for the specimen bearing the barcode (irrespective of the name).
- **SCP** - Specimen Collection Point - This is the location where the blood or specimen was collected as declared by the client.
- **SCT** - Specimen Collection Time - The time when specimen was collected as declared by the client.
- **SRT** - Specimen Receiving Time - This time when the specimen reached our laboratory.
- **RRT** - Report Releasing Time - The time when our pathologist has released the values for Reporting.
- **Reference Range** - Means the range of values in which 95% of the normal population would fall.

SUGGESTIONS

- Values out of reference range requires reconfirmation before starting any medical treatment.
- Retesting is needed if you suspect any quality shortcomings.
- Testing or retesting should be done in accredited laboratories.
- For suggestions, complaints, clinical support or feedback, write to us at **customersupport@thyrocare.com** or call us on **022-3090 0000**





+ T&C Apply, #As on 5th December 2024 (Applicable for all company owned labs except Bhagalpur & Vijayawada),

⋆ As per survey on doctors' perception of laboratory diagnostics (IJARIIT, 2023), -Mumbai Reference Lab is CAP Accredited

Dummy Report