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|-------------------------------------------|--------------------------------------------|
| Patient Name : Ms.NEHA KHAN | Visit No : CHA250034865 |
| Age/Gender : 36 Y/F | Registration ON : 26/Feb/2025 02: 24PM |
| Lab No : 10132161 | Sample Collected ON : 26/Feb/2025 02: 26PM |
| Referred By : Dr.BRAJRAJ HOSPITAL | Sample Received ON : 26/Feb/2025 02: 39PM |
| Refer Lab/Hosp : CHARAK NA | Report Generated ON : 26/Feb/2025 04: 43PM |
| Doctor Advice : CBC (WHOLE BLOOD),T3T4TSH | |



| Test Name | Result | Unit | Bio. Ref. Range | Method |
|-------------------------------------|---------|---------|-----------------|--------------------------|
| CBC (COMPLETE BLOOD COUNT) | | | | |
| Hb | 8.9 | g/dl | 12 - 15 | Non Cyanide |
| R.B.C. COUNT | 4.60 | mil/cmm | 3.8 - 4.8 | Electrical Impedence |
| PCV | 30.3 | % | 36 - 45 | Pulse hieght detection |
| MCV | 66.0 | fL | 80 - 96 | calculated |
| MCH | 19.4 | pg | 27 - 33 | Calculated |
| MCHC | 29.4 | g/dL | 30 - 36 | Calculated |
| RDW | 16 | % | 11 - 15 | RBC histogram derivation |
| RETIC | 0.9 % | % | 0.5 - 2.5 | Microscopy |
| TOTAL LEUCOCYTES COUNT | 12000 | /cmm | 4000 - 10000 | Flocytometry |
| DIFFERENTIAL LEUCOCYTE COUNT | | | | |
| NEUTROPHIL | 80 | % | 40 - 75 | Flowcytometry |
| LYMPHOCYTES | 14 | % | 25 - 45 | Flowcytometry |
| EOSINOPHIL | 2 | % | 1 - 6 | Flowcytometry |
| MONOCYTE | 4 | % | 2 - 10 | Flowcytometry |
| BASOPHIL | 0 | % | 00 - 01 | Flowcytometry |
| PLATELET COUNT | 176,000 | /cmm | 150000 - 450000 | Elect Imped.. |
| PLATELET COUNT (MANUAL) | 176000 | /cmm | 150000 - 450000 | Microscopy . |
| Absolute Neutrophils Count | 9,600 | /cmm | 2000 - 7000 | Calculated |
| Absolute Lymphocytes Count | 1,680 | /cmm | 1000-3000 | Calculated |
| Absolute Eosinophils Count | 240 | /cmm | 20-500 | Calculated |
| Absolute Monocytes Count | 480 | /cmm | 200-1000 | Calculated |
| Mentzer Index | 14 | | | |
| Peripheral Blood Picture | : | | | |

Red blood cells are microcytic hypochromic with anisocytosis+.WBCs show neutrophilic leucocytosis. Platelets are adequate. No immature cells or parasite seen.



[Checked By]



Shadab Khan

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| Lab No : 10132161 | Sample Collected ON : 26/Feb/2025 02: 26PM |
| Referred By : Dr.BRAJRAJ HOSPITAL | Sample Received ON : 26/Feb/2025 02: 41PM |
| Refer Lab/Hosp : CHARAK NA | Report Generated ON : 26/Feb/2025 04: 08PM |
| Doctor Advice : CBC (WHOLE BLOOD),T3T4TSH | |



| Test Name | Result | Unit | Bio. Ref. Range | Method |
|----------------|-------------|---------|-----------------|--------|
| T3T4TSH | | | | |
| T3 | 2.15 | nmol/L | 1.49-2.96 | ECLIA |
| T4 | 166.46 | n mol/l | 63 - 177 | ECLIA |
| TSH | 5.22 | uIU/ml | 0.47 - 4.52 | ECLIA |

Note

- (1) Patients having low T3 & T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.
- (2) Patients having low T3 & T4 levels but high TSH levels suffer from grave's disease, toxic adenoma or sub-acute thyroiditis.
- (3) Patients having either low or normal T3 & T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.
- (4) Patients having high T3 & T4 levels but normal TSH levels may suffer from toxic multinodular goitre. This condition is mostly asymptomatic and may cause transient hyperthyroidism but no persistent symptoms.
- (5) Patient with high or normal T3 & T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 Toxicosis respectively.
- (6) In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.
- (7) There are many drugs for eg. Glucocorticoids, dopamine, Lithium, iodides, oral radiographic dyes, etc. Which may affect the thyroid function tests.
- (8) Generally when total T3 & T4 results are indecisive then Free T3 & Free T4 test are recommended for further confirmation along with

(1 Beckman Dxi-600 2. ELECTRO-CHEMILUMINESCENCE TECHNIQUE BY ELECSYS -E411)

*** End Of Report ***

CHARAK



[Checked By]



MC-2491

Print.Date/Time: 26-02-2025 17:16:53

*Patient Identity Has Not Been Verified. Not For Medicolegal

DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADABKHAN
PATHOLOGIST

Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)