



|                       |                    |               |                 |
|-----------------------|--------------------|---------------|-----------------|
| Reference No.         | : 2108120973       | Age/Gender    | : 38 Yrs/Female |
| Name                  | : Mrs. MONA 220476 |               | AMB-KOS         |
| Referred By           | : NA               |               |                 |
| Sample from           | :Kos Diag Lab      | Date          | :15-Aug-2021    |
| Sample Receiving Date | : 15-Aug-2021      | Approval Date | :19-Aug-2021    |

### Special Test

| Test Name                                 | Value         | Unit  | Reference Range |
|---|---------------|-------|-----------------|
| <b>TNF*</b>                               |               |       |                 |
| TUMOR NECROSIS FACTOR (TNF)<br>ALFA SERUM | <b>519.60</b> | pg/mL | 0-8.1           |

**Comments** :TNF alpha formerly known as cachectin, cytotoxin and cytotoxic factor were first known for their capacity to cause tumor necrosis in vitro. Both TNF alpha and Beta are closely related proteins that arose by ancestral duplication of common gene. TNF are mediator of both specific and nonspecific biological responses and an important link between immune and inflammatory reactions. it has wide spread effects in inflammation and healing and is involved in granuloma formation, tissue necrosis and fibrosis in many organ systems. It is a powerful modulator of immune response. TNF alpha mediated proliferation of fibroblasts and endothelial cells is an important element of normal healing. It also has protective role in respiratory syncytial virus. It is considered to be an important effector molecule in the pathogenesis of allergic respiratory reactions and in the acute stages of rheumatoid arthritis.

\*\*\* End Of Report \*\*\*

Checked by Technologist

DR. S.P. SHARMA (MD)  
Senior Consultant Pathologist