



Scan QR code to check
report authenticity



MC-2202

sterling
ACCURIS
Pathology lab that cares

Passport No :

LABORATORY TEST REPORT

Patient Information	Sample Information	Client/Location Information
Name : Lyubochka Svetka	Lab Id : 02232160XXXX	Client Name : Sterling Accuris Buddy
Sex/Age : Male / 41 Y 01-Feb-1982	Registration on : 20-Feb-2023 09:10	Location :
Ref. Id :	Collected at : non SAWPL	Approved on : 20-Feb-2023 11:38 Status : Final
Ref. By :	Collected on : 20-Feb-2023 08:53	Printed On : 28-Feb-2023 10:26
	Sample Type : Serum	Process At : 1. NRL SAWPL Gujarat Ahmedabad Paldi

Immunoassay

Test	Result	Unit	Biological Ref. Interval
PSA-Prostate Specific Antigen, Total	0.573	ng/mL	0 - 4

PSA is a glycoprotein that is expressed by both normal and neoplastic prostate tissue and is prostate tissue specific and not prostate cancer specific. PSA is constantly expressed in nearly all prostate cancers, although its level of expression on a per cell basis is lower than in normal prostate epithelium. The absolute value of serum PSA is useful for determining the extent of prostate cancer and assessing the response to prostate cancer treatment; its use as a screening method to detect prostate cancer is also common.

Interpretation

Increased in

- Prostate disease (Cancer, Prostatitis, Benign prostatic hyperplasia, Acute urinary retention)
- Manipulations (Cystoscopy, Needle biopsy, Radiation therapy, Indwelling catheter, Prostatic massage)
- Transurethral resection
- Prostatic ischemia

Decreased in

- Castration
- Prostatectomy
- Radiation therapy
- Ejaculation with 24 - 48 hours
- 5-alpha-reductase inhibitor reduces PSA by 50% after 6 months in men without cancer

Limitations

- PSA has been recommended by the American Cancer Society for use in conjunction with a DRE for early detection of prostate cancer starting at the age of 50 years for men with at least 10 year life expectancy
- PSA levels that are measured repeatedly over time may vary because of biologic variability where the true PSA level in a given man is different on different measurements.
- A change in PSA of >30% in man with a PSA initially below 2.0 ng/mL was likely to indicate a true change beyond normal random variation.

Dr. Purvish Darji
MD(Path)

Dr. Sanjeev Shah
MD Path

Dr. Yash Shah
MD Path

This is an Electronically Authenticated Report.

Referred Test

Page 14 of 19



Scan QR code to check
report authenticity

Passport No :

LABORATORY TEST REPORT

Patient Information	Sample Information	Client/Location Information
Name : Lyubochka Svetka	Lab Id : 02232160XXXX	Client Name : Sterling Accuris Buddy
Sex/Age : Male / 41 Y 01-Feb-1982	Registration on : 20-Feb-2023 09:10	Location :
Ref. Id :	Collected at : non SAWPL	Approved on : 20-Feb-2023 12:06 Status : Final
Ref. By :	Collected on : 20-Feb-2023 08:53	Printed On : 28-Feb-2023 10:26
	Sample Type : Serum	Process At : 1. NRL SAWPL Gujarat Ahmedabad Paldi

Immunoassay

Test	Result	Unit	Biological Ref. Interval
IgE <small>CLIA</small>	H 492.30	IU/mL	0 - 87

IgE mediates allergic and hypersensitivity reactions. There is a significant overlap in total IgE between allergic and nonallergic individuals.

Interpretation:

- Increased In

- Atopic diseases
 - Exogenous asthma in approximately 60% of patients
 - Hay fever in approximately 30% of patients and Atopic eczema
- Influenced by type of allergen, duration of stimulation. Presence of symptoms, and hyposensitization treatment
- Parasitic diseases (e.g. ascariasis, visceral larva migrans, hookworm disease, schistosomiasis, Echinococcus infestation)
- Monoclonal IgE myeloma

- Decreased In

- Hereditary deficiencies
- Acquired immunodeficiency
- Ataxia-telangiectasis
- Non-IgE myeloma

Limitations:

- A normal level of IgE in serum does not eliminate the possibility of allergic disease.
- Serum total IgE levels for the majority of individuals with IgE-mediated disease can be expected to be elevated compared to the reference range for healthy adults. However, not all allergic patients exhibit elevated serum total IgE levels.
- Since not all atopic reactions are IgE-mediated, a total IgE result in the reference range should always be interpreted in light of other clinical observations.
- Heterophilic antibodies in human serum can react with the immunoglobulins included in the assay components causing interference with in vitro immunoassays.

Dr. Purvish Darji
MD(Path)

Dr. Sanjeev Shah
MD Path

Dr. Yash Shah
MD Path

This is an Electronically Authenticated Report.

Referred Test

Page 15 of 19