



LABORATORY REPORT

NAME : MR.BC0105 REFERRED BY : SELF VISIT NO : VAMP26148035  
AGE : 40Y 0M 0D ZERO TARIFF CLIENT CODE COLLECTED ON : 21-04-2026 10:00  
GENDER : Male LAB MR# : AAMP01479314 RECEIVED ON : 21-04-2026 19:51  
OP / IP / DG # : APPROVED ON : 22-04-2026 14:06  
REPORT STATUS : Final Report



Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

Dihydrotestosterone (DHT) (Serum)

Dihydrotestosterone (DHT) ELISA	456.00	143 - 842	pg/mL
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Interpretation:

The principal prostatic androgen is dihydrotestosterone (DHT). DHT is generated by reduction of testosterone by 5-alpha reductase. It exert full androgenic effect on the certain target tissues such as hair follicles and external genitalia. DHT should serve as the primary marker of peripheral androgen production. However, because it is metabolized rapidly and has a very high affinity for sex hormone-binding globulin (SHBG), DHT does not reflect peripheral androgen action. Instead, its distal metabolite, 3-alpha, 17-beta-androstanediol glucuronide, serves as a better marker of peripheral androgen action.

Patients taking 5-alpha reductase inhibitor have decreased dihydrotestosterone (DHT) serum levels.

Patients with genetic 5-alpha reductase deficiency (a rare disease) also have reduced DHT and its metabolites. They fail to develop male genitalia and appear to be phenotypic females.

Levels of DHT remain normal with aging, despite a decrease in the plasma testosterone, and are not elevated in benign prostatic hyperplasia.

Patients with benign prostatic hyperplasia (BPH) or prostatic cancer may not have elevated dihydrotestosterone (DHT) levels even though growth of the prostate gland may be stimulated by DHT.

Sanjeeta

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Consultant Biochemist

Disclaimer:

- All results released pertain to the specimen as received by the lab for testing and under the assumption that the patient indicated or identified on the bill/test requisition form is the owner of the specimen.
- Clinical details and consent forms, especially in Genetic testing, histopathology, as well as wherever applicable, are mandatory to be accompanied with the test requisition form. The non-availability of such information may lead to delay in reporting as well as misinterpretation of test results. The lab will not be responsible for any such delays or misinterpretations thereof.
- Test results are dependent on the quality of the sample received by the lab. In case the samples are preprocessed elsewhere (e.g., paraffin blocks), results may be compromised.

Generated On 25-Apr-2026 12:57:26

This is an electronically authenticated laboratory report.

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<p>4. Tests are performed as per the schedule given in the test listing and in any unforeseen circumstances, report delivery may be affected.</p> <p>5. Test results may show inter-laboratory as well as intra-laboratory variations as per the acceptable norms.</p> <p>6. Genetic reports as well as reports of other tests should be correlated with clinical details and other available test reports by a qualified medical practitioner. Genetic counselling is advised in genetic test reports by a qualified genetic counsellor, medical practitioner or both.</p> <p>7. Samples will be discarded post processing after a specified period as per the laboratory's retention policy. Kindly get in touch with the lab for more information.</p> <p>8. If accidental damage, loss, or destruction of the specimen is not attributable to any direct or negligent act or omission on the part of Ampath Labs or its employees, Ampath shall in no event be liable. Ampath lab's liability for a lack of services, or other mistakes and omissions, shall be restricted to the amount of the patient's payment for the pertinent laboratory services.</p>			

