

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mr. SE20	Billing Date : 07/07/2023 12:35:57
Age : 40 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100013093	Report Released on : 20/07/2023 16:30:11
Accession No : 10002305149	Barcode No. : 10002305149-01
Referring Doctor : Self	Ref no. :
Referred By :	

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

# Alcohol (Ethanol) <i>Sample: Serum</i> <i>Method: Enzymatic</i>	5.0	<10.0	mg/dL
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Alcohol (Ethanol)

Interpretation

1. Detection of Ethanol (ethyl alcohol) in serum help check prior consumption of ethanol.
2. Falsely elevated Alcohol levels are observed in Diabetic patients with UTI.
3. The test is intended for use for medical testing & presumptive diagnosis only & not for forensic use.
4. Below illustrates the acute effects of alcohol on a "typical" person. However, it must be recognized that different people react to alcohol differently, depending on their gender, weight, genetic constitution, health status, and/or amount of food consumed.
5. Quantification of the concentration of ethanol in serum correlates with degree of intoxication.

Blood Alcohol Concentration	Clinical sings & Symptoms
10 - 50 mg/dl	Mild euphoria, decreased inhibitions, diminished attention & judgement.
50 - 100 mg/dl	Euphoria, sedation, impaired coordination, decreased sensory responses to stimuli, decreased judgement
150 - 300 mg/dl	Confusion, disorientation, impaired balance, slurred speech
250 - 400 mg/dl	Sleep or stupor, marked muscular incoordination, markedly decreased responses to stimuli, incontinence
400 - 500 mg/dl	Coma, hypothermia, respiratory & circulatory failure, possible death

Associated test: CDT Carbohydrate deficient transferrin – specific marker for increased alcohol consumption over a longer period of time (2 to 4 weeks)

Reference:

1. <https://www.clinlabnavigator.com/alcohol-ethanol-ethyl-alcohol.html>
2. <http://icap.org/PolicyTools/ICAPBlueBook/Annex1TheBasicsaboutAlcohol/tabid/116/Default.aspx>

** End of Report **



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