



In-Common Laboratories

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Patient Name
TEST, PATIENT Sex
M

Date of Birth (mm/dd/yyyy)
02/16/1995

Order ID
2323310

Client's File No.

Health Number
6773267775^AD^ON

ICL Login Date (mm/dd/yyyy)
11/06/2023 10:25AM EST

Report Printed
11/06/2023 1:58PM EST

Authorized Requester
ICL, ICL

Alpha-1-Antitrypsin Genotype, Serum and Whole Blood

Sample ID: ICL231106001

Final - Approved 11/06/2023 1:54PM EST

Collection Date/Time (mm/dd/yyyy)
11/06/2023 1:50PM EST

Order Choice Testing Site: St. Paul's Hospital, 1081 Burrard Street, Vancouver, BC V6Z 1Y6
Comments:

Mandatory clinical information is provided on infosheet Yes
Both Serum and Whole Blood submitted Yes

TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
Attached	Attachment				ICL1

Reporting Laboratories:

(1) ICL, In-Common Laboratories, North York, ON M3C 1Z2,

Patient Complete Name: TEST, PATIENT

Order ID: 2323310

Current Page Number: 1

Total Pages Count: 1

Lower Mainland Pathology and Laboratory Medicine
Vancouver Coastal Health, Providence Health, Provincial Health Services Authority
Life Labs

Ordering Physician
Clinic
Street Address
City

NAME: LAST, FIRST
MRN: BC123456789
DOB: DD/MMM/YYYY SEX: M
PHN: 123456789
LOC: Ordering Location
ENC:

ACC: M00001 COLL: 30/Dec/2022 11:47 REC: 03/Jan/2023 12:41 PHYS: Ordering Physician
REPORT STATUS: FINAL COPY 1: Copy Phys or Loc
Order Comment: Referring Lab Ref # COPY 2: Copy Phys or Loc

ORDER	RESULT	REF RANGE	UNITS	RESULTED	PL
Alpha 1 Antitrypsin Genotyping					
Clinical indication	Liver			08/Feb/2023	{P}
AAT	L 0.75	[0.90-2.00]	g/L	06/Jan/2023	{P}
AlAT genotype	MM			08/Feb/2023	{P}
AlAT genotype comment	The S and Z alleles were not detected by real time PCR genotyping. The serum AlAT level is lower than expected for a patient with an MM genotype. Gene sequencing will be performed to confirm or rule out the possibility of other mutations in the gene for AlAT (SERPINA1). A supplementary report will be issued when additional results are available. Dr. SPH Review, MD				08/Feb/2023 {P}
Final Interpretation	Gene sequencing of the SERPINA1 gene revealed no variants to explain the relatively low serum AlAT concentration. Dr.				23/Mar/2023 {P}
Alpha 1 Antitrypsin	L 0.75	[0.90-2.00]	g/L	06/Jan/2023	{P}
	Low AAT levels may result from inherited AAT deficiency, advanced liver disease and protein losing states. Test repeated and results verified				
Alpha 1 Antitrypsin Phenotyping					{P}
Al Antitrypsin Phenotype	The isoelectric focussing test is now complete and confirms the previously reported genotyping result.				17/Feb/2023

{P} = Testing performed or reported by St Paul's Hospital

LEGEND:

- H/L Abnormal Value
- HH/LL Critical Value
- */** General Laboratory - Abnormal Text Result
- + Microbiology Susceptibility - indicates comment printed below results

This report is intended only for the use of the addressee. Please call 1-877-747-2522 in the event you have clinical questions about the information it contains, or if you have received this report in error.

END OF REPORT