

In-Common Laboratories
 Head Office: 57 Gervais Drive
 North York, Ontario M3C 1Z2
 (416) 422-3000
 Toll Free: (888) 285-7817
 www.ICLabs.ca

Patient Name
TEST, SAMPLE

Sex
U

Date of Birth (mm/dd/yyyy)
MM/DD/YYYY

Order ID
1234567890

Client File No:

Client Name
 Client Address 1
 Client Address 2
 City, Province, Postal Code,
 Country

Health Number
XXXXXXXXXXJP

Report Printed
12/07/2023 3:04PM EST

ICL Login Date (mm/dd/yyyy)
MM/DD/YYYY HH:MM AM

Authorized Requester
DOCTOR, ICL, MD

Amino Acids Quantitation, Serum/Plasma

Sample ID: HSE231130001

Final - Approved 12/01/2023 9:14AM EST

Collection Date/Time (mm/dd/yyyy)
 11/30/2023 10:53AM EST

Order Choice
 Comments:

Monitoring specimen for ornithine transcarbamylase (OTC) deficiency.
 Reviewed by Doctor, PhD, FCCMG

TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
Phosphoserine	<3		0-3	umol/L	HSCSE
Hydroxyproline	16		4-25	umol/L	HSCSE
Histidine	67		50-106	umol/L	HSCSE
Phosphoethanolamine	3	H	0-2	umol/L	HSCSE
Asparagine	45		38-79	umol/L	HSCSE
1-Methylhistidine	2		0-39	umol/L	HSCSE
Taurine	37		31-97	umol/L	HSCSE
3-Methylhistidine	3		3-10	umol/L	HSCSE
Serine	134		60-149	umol/L	HSCSE
Glutamine	608		397-781	umol/L	HSCSE
Unstable amino acid, interpret with caution.					
Carnosine	4		1-13	umol/L	HSCSE
Arginine	25	L	29-123	umol/L	HSCSE
Glycine	308		141-432	umol/L	HSCSE
Anserine	<1		0-5	umol/L	HSCSE
Ethanolamine/ARS/Sac charopine	6		5-12	umol/L	HSCSE
Result represents the sum of Ethanolamine, Argininosuccinic Acid and Saccharopine.					
Aspartate	2		2-19	umol/L	HSCSE
Sarcosine	<4		0-4	umol/L	HSCSE
Glutamate	17		15-112	umol/L	HSCSE
Citrulline	<4	L	15-50	umol/L	HSCSE
Beta-Alanine	3		2-17	umol/L	HSCSE
Threonine	73		54-208	umol/L	HSCSE
Alanine	206		188-559	umol/L	HSCSE

Patient Complete Name:

Order ID

Current Page Number: 1

Total Pages Count: 4

In-Common Laboratories
 Head Office: 57 Gervais Drive
 North York, Ontario M3C 1Z2
 (416) 422-3000
 Toll Free: (888) 285-7817
 www.ICLabs.ca

Patient Name
TEST, SAMPLE

Sex
U

Order ID
1234567890

Date of Birth (mm/dd/yyyy)
MM/DD/YYYY

Client File No:

Client Name
 Client Address 1
 Client Address 2
 City, Province, Postal Code,
 Country

Health Number
XXXXXXXXXXJP

ICL Login Date (mm/dd/yyyy)
MM/DD/YYYY HH:MM AM

Report Printed
12/07/2023 3:04PM EST

Authorized Requester
DOCTOR, ICL, MD

Amino Acids Quantitation, Serum/Plasma

Sample ID: HSE231130001

Final - Approved 12/01/2023 9:14AM EST

Collection Date/Time (mm/dd/yyyy)
 11/30/2023 10:53AM EST

Order Choice
 Comments:

Monitoring specimen for ornithine transcarbamylase (OTC) deficiency.
 Reviewed by Doctor, PhD, FCCMG

TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
GABA/Homocitrulline	<3		0-3	umol/L	HSCSE
Result represents the sum of Gamma Amino-N-Butyric Acid and Homocitrulline.					
Alpha-aminoadipic acid	<2		0-2	umol/L	HSCSE
Proline	137		112-335	umol/L	HSCSE
Beta-aminoisobutyric acid	3		1-5	umol/L	HSCSE
Hydroxylysine 1	<1		0-2	umol/L	HSCSE
Hydroxylysine 2	1		0-2	umol/L	HSCSE
Alpha-amino-n-butyric acid	16		8-38	umol/L	HSCSE
Cystathionine	2		0-2	umol/L	HSCSE
Ornithine	31		29-104	umol/L	HSCSE
Cystine	27		20-66	umol/L	HSCSE
Unstable amino acid, interpret with caution.					
Lysine	112		110-243	umol/L	HSCSE
Tyrosine	54		28-87	umol/L	HSCSE
Methionine	17		13-35	umol/L	HSCSE
Valine	169		138-300	umol/L	HSCSE
Isoleucine	56		37-94	umol/L	HSCSE
Alloisoleucine	<2		0-5	umol/L	HSCSE
Leucine	95		74-156	umol/L	HSCSE
Phenylalanine	41		40-85	umol/L	HSCSE
Tryptophan	30		26-61	umol/L	HSCSE
Amino Acid Comment	See Comment.				HSCSE

Monitoring specimen for ornithine transcarbamylase (OTC) deficiency.
 Reviewed by Doctor, PhD, FCCMG
 Note: The test results have been generated in an ISO15189 Plus laboratory accredited through AC Diagnostics, and are for medical purposes only. The laboratory is not forensically accredited.

Patient Complete Name:

Order ID

Current Page Number: 2

Total Pages Count: 4

In-Common Laboratories
 Head Office: 57 Gervais Drive
 North York, Ontario M3C 1Z2
 (416) 422-3000
 Toll Free: (888) 285-7817
 www.ICLabs.ca

Patient Name
TEST, SAMPLE

Sex
U

Order ID
1234567890

Date of Birth (mm/dd/yyyy)
MM/DD/YYYY

Client File No:

Client Name
 Client Address 1
 Client Address 2
 City, Province, Postal Code,
 Country

Health Number
XXXXXXXXXXJP

ICL Login Date (mm/dd/yyyy)
MM/DD/YYYY HH:MM AM

Report Printed
12/07/2023 3:04PM EST

Authorized Requester
DOCTOR, ICL, MD

Amino Acids Quantitation, CSF

Sample ID: HSE231130002

Final - Approved 12/01/2023 9:29AM EST

Collection Date/Time (mm/dd/yyyy)
 11/30/2023 10:53AM EST

Order Choice Collection Date and Time (CSF)
 Comments:

Collection Date and Time (Serum/Plasma)

Amino acid analysis of this CSF specimen revealed a normal profile.
 Note that CSF amino acid analysis should be combined with plasma amino acid analysis
 and blood collection must be performed within one hour of the CSF collection, which
 allows for optimal interpretation of the CSF test results.
 Reviewed by Doctor, PhD, FCCMG, FACMG

TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
Histidine, CSF	11			umol/L	HSCSE
Asparagine,CSF	14			umol/L	HSCSE
Taurine,CSF	6			umol/L	HSCSE
Serine, CSF	19			umol/L	HSCSE
Glutamine, CSF	563			umol/L	HSCSE
Unstable amino acid, interpret with caution.					
Arginine, CSF	30			umol/L	HSCSE
Glycine, CSF	10			umol/L	HSCSE
Glutamate, CSF	0			umol/L	HSCSE
Citrulline, CSF	3			umol/L	HSCSE
Threonine, CSF	51			umol/L	HSCSE
Alanine, CSF	49			umol/L	HSCSE
Proline, CSF	3			umol/L	HSCSE
Alpha-amino-n-butyrlic Acid,CSF	2			umol/L	HSCSE
Ornithine, CSF	9			umol/L	HSCSE
Cystine, CSF	0			umol/L	HSCSE
Unstable amino acid, interpret with caution.					
Lysine, CSF	43			umol/L	HSCSE
Tyrosine, CSF	12			umol/L	HSCSE
Methionine, CSF	3			umol/L	HSCSE
Valine, CSF	17			umol/L	HSCSE

Patient Complete Name:

Order ID

Current Page Number: 3

Total Pages Count: 4

In-Common Laboratories
 Head Office: 57 Gervais Drive
 North York, Ontario M3C 1Z2
 (416) 422-3000
 Toll Free: (888) 285-7817
 www.ICLabs.ca

Patient Name
TEST, SAMPLE

Sex
U

Order ID
1234567890

Date of Birth (mm/dd/yyyy)
MM/DD/YYYY

Client File No:

Client Name
 Client Address 1
 Client Address 2
 City, Province, Postal Code,
 Country

Health Number
XXXXXXXXXXJP

ICL Login Date (mm/dd/yyyy)
MM/DD/YYYY HH:MM AM

Report Printed
12/07/2023 3:04PM EST

Authorized Requester
DOCTOR, ICL, MD

Amino Acids Quantitation, CSF

Sample ID: HSE231130002

Final - Approved 12/01/2023 9:29AM EST

Collection Date/Time (mm/dd/yyyy)
 11/30/2023 10:53AM EST

Order Choice Collection Date and Time (CSF)
 Comments:

Collection Date and Time (Serum/Plasma)

Amino acid analysis of this CSF specimen revealed a normal profile.
 Note that CSF amino acid analysis should be combined with plasma amino acid analysis
 and blood collection must be performed within one hour of the CSF collection, which
 allows for optimal interpretation of the CSF test results.
 Reviewed by Doctor, PhD, FCCMG, FACMG

TEST	RESULT	FLAG	NORMAL/THERAPEUTIC RANGE	UNITS	TEST SITE
Isoleucine, CSF	7			umol/L	HSCSE
Leucine, CSF	13			umol/L	HSCSE
Phenylalanine,CSF	16			umol/L	HSCSE
Tryptophan,CSF	2			umol/L	HSCSE
Amino Acids CSF Comment	See Comment.				HSCSE

Amino acid analysis of this CSF specimen revealed a normal profile.
 Note that CSF amino acid analysis should be combined with plasma amino acid analysis and blood
 collection must be performed within one hour of the CSF collection, which allows for optimal
 interpretation of the CSF test results.
 Reviewed by Doctor, PhD, FCCMG, FACMG
 Note: The test results have been generated in an ISO15189 Plus laboratory accredited through AC
 Diagnostics, and are for medical purposes only. The laboratory is not forensically accredited.

Reporting Laboratories:

(1) HSE-Sick Kids, HSCSE: Hospital for Sick Children, 555 University Avenue, Toronto, ON M5G 1X8,

Patient Complete Name:

Order ID

Current Page Number: 4

Total Pages Count: 4