



Stanley House, 5 Discovery Lane
Mt Pleasant Q 4740
PO Box 10164
Mt Pleasant Q 4740
Phone: (07) 4965 6565

Mr Chris BUCHHOLZ

CHROMOSOMES BLOOD

Collection Date: 12:48 19/05/2023

Chromosome Studies

Tissue Submitted B
Blood **Received** 20/05/2023

Clinical Indication No clinical notes provided.

Number of Cells Analysed 5
Number of Cells Counted 10
Banding Studies Giemsa
Band Resolution 550 bands per haploid set (High)

Karyotype 46,XY

Interpretation Male karyotype, no abnormality detected.

AD

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: TFT ,HBsAg,HepC-IgG, _HIV Ag/Ab,HepB Serology,
Syphilis Serology,HTLV I/II,LH,FSH,Prolactin,
Testosterone,Cytogenetics/Blood

Tests Pending :

Sample Pending :

S-TESTOSTERONE

Collection Date: 12:48 19/05/2023

Androgens

Testosterone 10.6 L (11.0 - 40.0) nmol/L
Comments on Collection 682529356

VD

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Syphilis Serology,HTLV I/II,LH,FSH,Prolactin,Testosterone

Tests Pending : Cytogenetics/Blood

Sample Pending :

S-PROLACTIN

Collection Date: 12:48 19/05/2023

Prolactin

Prolactin 190 (<500) mIU/L

EA

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Tests Pending : Testosterone,Cytogenetics/Blood
Sample Pending :

S-LH, S-FSH

Collection Date: 12:48 19/05/2023

Gonadal Hormones

FSH	2	(	<10	)	IU/L
LH	2	(	<9	)	IU/L

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Sample Pending :

S-HTLV 1/2 Ab

Collection Date: 12:48 19/05/2023

HTLV I/II (CMIA) Negative
Comments on Collection 682529356

This assay does not distinguish between antibodies to Human T-lymphotropic virus type 1 (HTLV-I) and HTLV-II. Samples with a positive screening result are referred for confirmation by Western Blot and PCR. Detectable antibodies to HTLV-I/II may not develop until 4-6 months after exposure and repeat serum should be tested if symptoms persist. HTLV-I has been identified as a cause of human T-cell leukemia/lymphoma and tropical spastic paraparesis. HTLV-II is closely related to HTLV-I but has not been linked to human illness. Both viruses can be transmitted through blood transfusion, sexual contact, from mother to child through breastfeeding and injection-drug use.

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Sample Pending :

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S- _SYPHILIS SEROLOGY
Collection Date: 12:48 19/05/2023

Syphilis Serology

				Latest Results		
Date	06-Aug-15	30-Apr-18	20-Aug-18	19-May-23		
Time	1147	0803	1235	1248		
Lab Id.	617471346	641721357	642202397	682529356	Reference	Units

Syphilis Antibody Negative Negative Negative Negative

Comments on Collection 19-May-23 1248:
No treponemal antibodies detected.
The Syphilis TP Chemiluminescent Microparticle Immunoassay (CMIA) is a screening test for T.pallidum antibodies.

This result may indicate:

1. no exposure to T.pallidum.
2. very early primary syphilis. If risk factors exist a further sample should be tested in 2-3 weeks. In symptomatic patients, a swab of mucocutaneous lesions for the detection of T.pallidum DNA by PCR may be positive before antibody production commences.

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Syphilis Serology,HTLV I/II,LH,FSH,Prolactin
Tests Pending : Testosterone,Cytogenetics/Blood
Sample Pending :

S- _HIV AG/AB
Collection Date: 12:48 19/05/2023

HIV Ag/Ab

				Latest Results		
Date	06-Aug-15	30-Apr-18	20-Aug-18	19-May-23		
Time	1147	0803	1235	1248		
Lab Id.	617471346	641721357	642202397	682529356	Reference	Units

HIV Ag/Ab Negative Negative Negative Negative

Comments on Collection 19-May-23 1248:
HIV-1/HIV-2 antigen/antibody assay performed by Abbott CMIA.

Approximately 50-90% of patients report signs and symptoms suggestive of primary HIV infection at the time of seroconversion, which mostly occurs at 10-14 days after exposure (range 3 days to 10 weeks). Onset of symptoms often coincides with the detection of HIV antigen/antibodies although testing can be negative for up to 3 weeks after symptoms develop. Negative results performed less than 12 weeks after exposure should be repeated at least 12 weeks after exposure to exclude transmission.

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Syphilis Serology,HTLV I/II,LH,FSH,Prolactin
Tests Pending : Testosterone,Cytogenetics/Blood
Sample Pending :

S-HEPATITIS B SURF.AG.,S-
Collection Date: 12:48 19/05/2023

Hep ABC

	Latest Results					
Date	06-Aug-15	30-Apr-18	20-Aug-18	19-May-23		
Time	1147	0803	1235	1248		
Lab Id.	617471346	641721357	642202397	682529356	Reference	Units
HepBsAg	Negative	Negative	Negative	Negative		
HepC-IgG	Negative	Negative	Negative	Negative		

Comments on Collection 19-May-23 1248:
Hepatitis C IgG may not appear for up to six (6) months after primary infection.
If this is acute phase serum, suggest repeat at a suitable interval.

No evidence of active Hepatitis B infection. If this is an acute sample then retesting in 60-90 days (range 45-180 days) post exposure is indicated.
For further information on serological events in acute (self-limiting) Hepatitis B infection see
[Click here](#)

EA

S-TFT3H
Collection Date: 12:48 19/05/2023

Thyroid Function Tests

Free T4	11.2	(9.0 - 19.0)	pmol/L
Free T3	4.5	(2.6 - 6.0)	pmol/L
TSH	1.4	(0.3 - 3.5)	mIU/L

Comments on Collection 682529356

Euthyroid

DIAGNOSTIC ANDROLOGY
Collection Date: 11:59 17/05/2023

ANDROLOGY REPORT

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	Analysis Results	Expected Range
Date of Test	17052023	W.H.O (2010) 5th Edition
Time Examination Delay	31 minutes	(1 hour)
Abstinence (days)	3	(2-7 days)
Sample Spillage	Nil	(Nil)
Analysis Temperature	Room temperature	(degrees C)
Specimen Collection Method	Masturbation	

SEMEN EXAMINATION

Semen Volume	4.0	(>1.5 mL)
Semen pH	8.5	(>7.2)
Leucocytes (M/mL)	<1	(<1 M/mL)
Colour	Opaque	
Liquefaction	Complete	
Additional Treatment	No	
Viscosity	<2	(<2)
Aggregation (%)	Non specific	

SPERM PARAMETERS

Sperm Concentration	100.8	(>15 M/mL)
Total Sperm per Ejaculate	409.1	M (>39 M)
Progressive Motility	59	% (>32 %)
Non-progressive Motility	23	%
Immotile	19	%

MORPHOLOGY

Normal forms	5	% (>4 %)
Head Defects	95	%
Neck and Midpiece Defects	0	%
Principal Piece Tail	0	%
Excess Residual Cytoplasm	0	%

This test was performed at Mackay laboratory
Corporate Site No: 14435