



LAB REPORT

ALEXANDER FOGG (M) 25/07/2025

Patient Details AGE (DOB): 02/02/1989 ORDER NUMBER: Z1W2P088 SAMPLE ID: 2507020006	Specimen Details TYPE: SEMEN RECEIVED: 09/07/2025 CONDITION: ACCEPTABLE (GOOD)	Partner Details Box Details NAME: AGE (DOB): GENDER:
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FERTILYSIS MALE MICROBIOME

Pathogens & mycoplasmas	Result	Significance
CHLAMYDIA TRACHOMATIS	NOT DETECTED	NORMAL
MYCOPLASMA GENITALIUM	NOT DETECTED	NORMAL
MYCOPLASMA HOMINIS	NOT DETECTED	NORMAL
UREAPLASMA UREALYTICUM	NOT DETECTED	NORMAL
UREAPLASMA PARVUM	NOT DETECTED	NORMAL
TRICHOMONAS VAGINALIS	NOT DETECTED	NORMAL
NEISSERIA GONORHOEAE	NOT DETECTED	NORMAL
Opportunistic microorganisms		
HEAMOPHILUS SPP.	NOT DETECTED	NORMAL
PSEUDOMONAS AERUGINOSA / RALSTONIA SPP. / BURKHOLDERIA SPP.	NOT DETECTED	NORMAL
ENTEROBACTERIACEAE / ENTEROCOCCUS SPP	NOT DETECTED	NORMAL
Transit microorganisms		
LACTOBACILLUS SPP.	VERY LOW	NORMAL
Commensals		
STAPHYLOCOCCUS SPP.	LOW	NORMAL
STREPTOCOCCUS SPP.	NOT DETECTED	NORMAL
CORYNEBACTERIUM SPP	VERY HIGH	NORMAL
BV-associated opportunistic microorganisms		
GARDNERELLA VAGINALIS	NOT DETECTED	NORMAL
MEGASPHAERA SPP. + VEILONELLA SPP. + DIALISTER SPP.	NOT DETECTED	NORMAL
SNEATHIA SPP. + LEPTOTRIHIA SPP. + FUSOBACTERIUM SPP.	NOT DETECTED	NORMAL
ATOPOBIUM CLUSTER	NOT DETECTED	NORMAL
BV-ASSOCIATED OPPORTUNISTIC MICROORGANISMS, SUM	NOT DETECTED	NORMAL
Opportunistic anaerobes		
BACTEROIDES SPP. / PORPHYROMONAS SPP. / PREVOTELLA SPP.	NOT DETECTED	NORMAL
ANAEROCOCCUS SPP.	NOT DETECTED	NORMAL
PEPTOSTREPTOCOCCUS SPP. / PARVIMONAS SPP.	NOT DETECTED	NORMAL
EUBACTERIUM SPP.	NOT DETECTED	NORMAL
OPPORTUNISTIC ANAEROBES, SUM	NOT DETECTED	NORMAL
Yeast-like fungi		
CANDIDA SPP.	NOT DETECTED	NORMAL
Viruses		
HSV-1, HSV-2, EBV, CMV, HHV-6	NOT DETECTED	NORMAL

INTERPRETATION OF RESULTS AND RECOMMENDATIONS: LOW RISK (NORMAL)

DIAGNOSIS:	NORMAL MICROBIOME COMPOSITION
DESCRIPTION:	The microbiome composition observed is within the normal parameters. No DNA of sexually transmitted infections (STIs) or Candida was detected. The mixture and abundance of the bacterial flora identified, align with expectations for a healthy microbiome.
TREATMENT:	Given these findings, and unless the patient is experiencing specific symptoms that warrant further evaluation, we do not recommend any additional actions at this time.

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SPERM DNA FRAGMENTATION ANALYSIS (DFI)

Odds ratio for pregnancy based on DFI						
REF. RANGE:	Excellent <10%	Good >10% to <15%	Fair >15% to <20%	Fair to Poor >20% to <25%	Poor >25% to <40%	Very Poor >40%
YOUR RESULT:	5.46 % DFI					

INTERPRETATION OF RESULTS AND RECOMMENDATIONS: LOW RISK (NORMAL)

DIAGNOSIS:	NORMAL DFI
DESCRIPTION:	Your DFI is within the normal reference range. No infertility risk due to sperm DNA damage is indicated by the above results.
TREATMENT:	Given these findings, and unless the patient is experiencing specific symptoms that warrant further evaluation, we do not recommend any additional actions at this time.

P.D. Venieratos Ph.D.
Reproductive Biologist

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