

invivo[®]

The Human Microbiome Company

VAGINAL ECOLOGIX

TEST REPORTED: 28/10/2022
 TEST RECEIVED: 28/10/2022
 PATIENT NAME: FIRST LAST
 PATIENT DOB: 28/10/2022

CLINICIAN NAME: CLINICIAN
 SAMPLE TYPE: VAGINAL SWAB
 SEX: FEMALE

Lab Director:
 Emma Beamish, PhD



Vaginal pH

RESULTS:

pH RANGE:



Vaginal Health Markers

RESULTS:

RANGE:



Lactobacillus

RESULTS:

RANGE:

			0 - 4	5 - 8	9 - 12	13 - 16	17 - 20	
<i>Lactobacillus crispatus</i>	<DL	LOW						14.7-19.6
<i>Lactobacillus gasseri</i>	<DL	LOW						8.4-14.4
<i>Lactobacillus iners</i>	<DL	LOW						10.4-18.4
<i>Lactobacillus jensenii</i>	<DL	LOW						9.1-15.8

Lactobacilli are extremely important for vaginal health due to their protective and antimicrobial functions. Lactobacilli produce lactic acid, creating an acidic environment (pH 2.8–4.2) that is inhospitable to many non-Lactobacillus commensals and potential vaginal pathogens. Dominance of Lactobacilli are therefore a good marker for vaginal health and indicate functional host-microbial interactions. Different people will have a different affinity with a certain Lactobacilli species, so we normally expect to see one of these species high on the test. Lactobacillus iners is normally less able to maintain the pH of the vagina than the other species, so in some cases it might be associated with an increase chance of a transitional microbiome.



Scan for more information and resources on Vaginal EcologiX

Disclaimer: This test was developed, and its performance characteristics determined by Invivo Diagnostics. This test is not intended for use by consumers or physicians as a means to cure, treat, prevent, diagnose or mitigate any disease or other medical condition. The information contained in this document is in no way to be taken as prescriptive nor to replace the physicians duty of care and personalised care practices.

Opportunistic Fungi

RESULTS:

RANGE:

			0 - 4	5 - 8	9 - 12	13 - 16	17 - 20	
<i>Candida albicans</i>	<DL							<3.4
<i>Candida glabrata</i>	<DL							<1.1
<i>Candida krusei</i>	<DL							<0.1
<i>Candida parapsilosis</i>	<DL							<1.5

Opportunistic Bacteria

RESULTS:

RANGE:

			0 - 4	5 - 8	9 - 12	13 - 16	17 - 20	
<i>Atopobium vaginae</i>	<DL							<4.5
BVAB2	<DL							<2.1
<i>Gardnerella vaginalis</i>	<DL							<6.5
<i>Megasphaera 1</i>	<DL							<1.3
<i>Mobiluncus curtisii</i>	<DL							<0.4
<i>Mobiluncus mulieris</i>	<DL							<0.5
<i>Prevotella bivia</i>	13.3	HIGH						<6.0

Pathobionts

RESULTS:

RANGE:

			0 - 4	5 - 8	9 - 12	13 - 16	17 - 20	
<i>Enterococcus faecalis</i>	<DL							<3.8
<i>Escherichia coli</i>	<DL							<3.0
<i>Staphylococcus aureus</i>	<DL							<1.1
<i>Streptococcus agalactiae</i>	15.8	HIGH						<3.0



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Mycoplasma and Protozoa

	RESULTS:		RANGE:
		0 - 4 5 - 8 9 - 12 13 - 16 17 - 20	
<i>Mycoplasma genitalium</i>	<DL		< DL
<i>Mycoplasma hominis</i>	<DL		<1.3
<i>Trichomonas vaginalis</i>	<DL		< DL
<i>Ureaplasma urealyticum</i>	<DL		<4.6

The Vaginal EcologiX™ profile utilises the highly sensitive quantitative PCR (qPCR) TaqMan technology for analysis of the vaginal microbiota. Microbial genes of interest are quantified within a sample and their abundances are normalised to an endogenous and highly conserved gene. The qPCR results are therefore reported as the relative abundance of a microorganism as proportional to the whole microbial community.



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