

FEMALE ECOLOGIX™ REPORT

REPORT ID: S000602

TEST REPORTED: 13/11/2019
 TEST RECEIVED: 05/11/2019
 PATIENT NAME:
 PATIENT DOB:
 GENDER: FEMALE

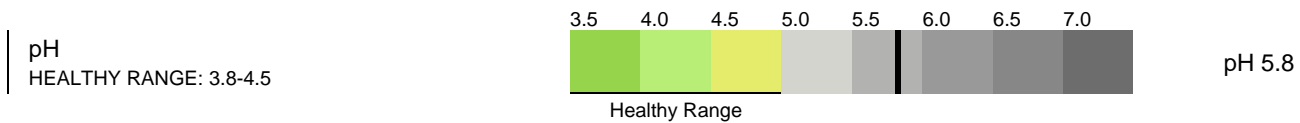
REPORT STATUS: COMPLETED
 CLINICIAN NAME:
 ACCESSION NO:
 SAMPLE TYPE: VAGINAL SWAB

The reference ranges presented are relative to the DNA expression observed within the sample collected. The ranges are not based on clinical significance, all results should be interpreted in light of the individual's clinical presentation.

Vaginal pH

PH RANGE:

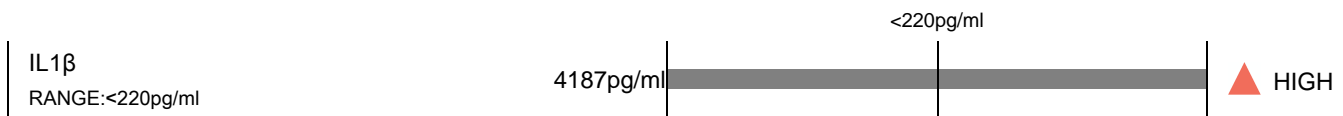
RESULTS:



Vaginal Health Markers (ELISAS)

RESULTS:

RATING:

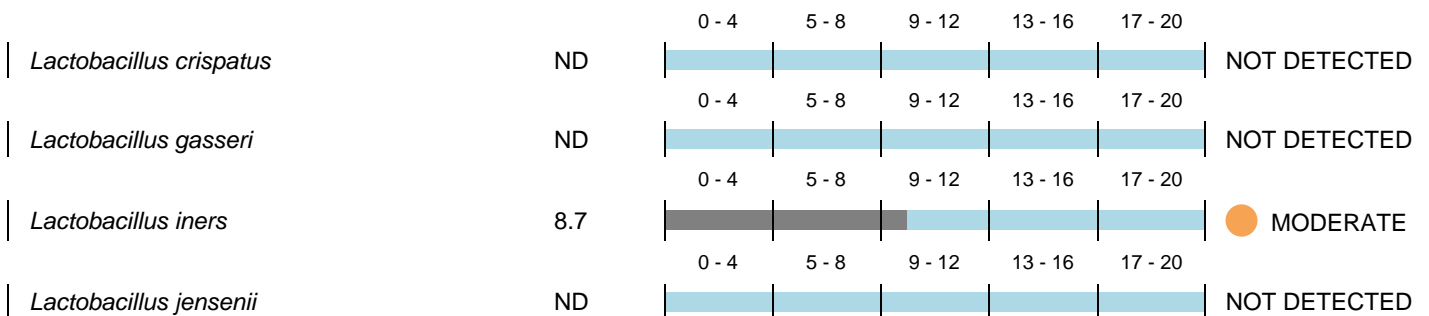


▲ Health immune markers are quantified by using enzyme-linked immunosorbent assay (ELISA) which is based on antigen-antibody reactions. Please refer to the Invivo interpretive guide for more details on health markers.

Lactobacillus

RESULTS:

RATING:



▲ Recent work has classified the vaginal microbiota into five core Community State Types (CST). These groups are distinguished on whether communities are dominated by *Lactobacillus* spp., and by the species of *Lactobacillus* present. To learn about associations between CST and clinical conditions, please refer to the Invivo interpretive guide.

Commensal Bacteria

RESULTS:

RATING:

		0 - 4	5 - 8	9 - 12	13 - 16	17 - 20	
<i>Atopobium vaginae</i>	13.8						▲ HIGH
BVAB2	16.2						▲ VERY HIGH
<i>Gardnerella vaginalis</i>	11.3						● MODERATE
<i>Megasphaera 1</i>	12.2						▲ HIGH
<i>Megasphaera 2</i>	ND						NOT DETECTED
<i>Mobiluncus curtisii</i>	14.8						▲ HIGH
<i>Mobiluncus mulieris</i>	ND						NOT DETECTED
<i>Prevotella bivia</i>	4.4						▼ LOW
<i>Ureaplasma urealyticum</i>	6.9						▼ LOW

▲ Commensal Bacteria: Commensal bacteria live in symbiosis with the host under normal conditions. To learn more about associations between commensal bacteria and clinical conditions, please refer to the Invivo interpretive guide. ND: Microorganism is not detected/below detection limit.

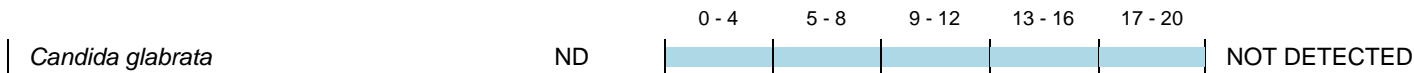
Pathobionts

	RESULTS:		RATING:
<i>Enterococcus faecalis</i>	ND		NOT DETECTED
<i>Escherichia coli</i>	ND		NOT DETECTED
<i>Staphylococcus aureus</i>	ND		NOT DETECTED
<i>Streptococcus agalactiae</i>	ND		NOT DETECTED

▲ Pathobionts: Pathobionts are enteric bacteria that have entered a new environment such as the genital tract. To learn about associations between pathobiont and clinical conditions, please refer to the Invivo interpretive guide. ND: Microorganism is not detected/below detection limit.

Opportunistic Fungi

	RESULTS:		RATING:
<i>Candida albicans</i>	ND		NOT DETECTED
<i>Candida krusei</i>	ND		NOT DETECTED
<i>Candida parapsilosis</i>	ND		NOT DETECTED
<i>Candida tropicalis</i>	ND		NOT DETECTED



▲ Opportunistic Fungi: Opportunistic fungi may induce pathogenesis under special conditions in the genital tract. These conditions may promote overgrowth of these species and transition to pathogenic growth mode (hyphae). To learn more about associations between opportunistic fungi and clinical conditions, please refer to the Invivo interpretive guide. ND: Microorganism is not detected/below detection limit.

The Phylobioscience Female EcologiX™ profile utilises quantitative real-time PCR (qRT-PCR) for analysis of vaginal microbiota. qRT-PCR results are reported as quantification of microbial gene of interest copies in a community sample relative to endogenous gene control (i.e. vaginal, gut). qRT-PCR reactions are performed using Taqman technology. The results show representative numbers proportional to normalised qRT-PCR value.

Test Information: The Female EcologiX™ profile measures the composition of vaginal microbiota species and host immune markers using modern and culture-independent technologies. Results of this test cannot be used for diagnosis of disease or health conditions. Detection or lack of detection of microorganism or immune markers in this test, does not imply diagnosis of disease or clinical condition. The Female EcologiX™ test should not replace routine examinations with doctors and healthcare professionals i.e. smear tests.

invivo[®]
powered by phylobioscience

Disclaimer: This test was developed, and its performance characteristics determined by Phylo Bioscience. 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.

Lab Director:
Jaspal Patil, PhD

