



Accurate **testing**, Accessible **treatment**

STDs

Sexually transmitted diseases can be fatal if left untreated

Pelvic Inflammatory Disease (PID) Panel by RTPCR



A gold standard for detecting major pathogens causing PID



Prompt, definitive & accurate diagnosis



Highly sensitive & specific



Approved method by WHO & CDC

Pathogens Covered

Neisseria gonorrhoeae

Chlamydia trachomatis

Mycoplasma genitalium

Trichomonas vaginalis

STD- Comprehensive Panel



Extensive & specialized panel combining several diagnostic methods, such as PCR, serological assays, and microscopic investigations



Covers broad range of pathogens (bacterial, viral and parasites) commonly linked with STDs



Clinically accurate and dependable results



Aids in target specific therapeutic options

Targets 11 Pathogens

Chlamydia trachomatis

Neisseria gonorrhoeae

Herpes simplex virus (HSV 1&2)

Human papillomavirus (HPV)

Mycoplasma genitalium

Trichomonas vaginalis

Hepatitis B

Hepatitis C

HIV & Syphilis & yeast

Also Available

STD CUSTOM PANEL

Customised panel to serve the needs of doctors based on existing clinical evidence.

Chlamydia trachomatis, Neisseria gonorrhoeae, Herpes simplex virus (HSV 1&2), Trichomonas vaginalis, Human papillomavirus (HPV), Mycoplasma genitalium, Gardnerella vaginalis & Ureaplasma urealyticum

A life-changing step towards your reproductive health

DICE PANEL BY RT-PCR

A comprehensive panel for Detection of Infectious Chronic Endometritis (DICE)



First RT PCR method to detect 9 primary pathogens linked to chronic endometritis



Detects pathogens that are difficult to culture and need complex cell culture techniques



High sensitivity (95%) and specificity (98.5%)



Offers accurate identification of culturable and non culturable endometrial pathogens



Compatible for frozen or fixed samples



Comparable results to bacterial culture with TAT of 24hrs

Pathogens covered in DICE Panel

Neisseria gonorrhoeae

Chlamydia trachomatis

Enterococcus faecalis

Escherichia coli

Streptococcus agalactiae

Staphylococcus aureus

Mycoplasma genitalium

Ureaplasma urealyticum

Mycoplasma hominis

Mycobacterium tuberculosis

Non-Tuberculosis Mycobacterium

Report Illustration

Name: xxxxxxxx

Age: xx

Patient ID: XXXX

Test ID: Dice Panel Qualitative PCR

Referred By: xxxxxxxx

Collected on: 19-02-2022

Received on: xxxx

Reported on: XXXX

Sample Type: Endometrial Tissue

Sample Quality: 19-02-2022

Detection of Infectious Chronic Endometritis (DICE) Panel By Real Time-Qualitative PCR

RESULT:

(Reproductive Tract pathogens most often related with chronic endometritis)

Pathogens Tested	Result
<i>Mycobacterium tuberculosis</i>	Detected/Not Detected
<i>Non-Tuberculosis Mycobacterium</i>	Detected/Not Detected
<i>Neisseria gonorrhoeae</i>	Detected/Not Detected
<i>Chlamydia trachomatis</i>	Detected/Not Detected
<i>Mycoplasma genitalium</i>	Detected/Not Detected
<i>Ureaplasma urealyticum</i>	Detected/Not Detected
<i>Enterococcus faecalis</i>	Detected/Not Detected
<i>Streptococcus agalactiae</i>	Detected/Not Detected
<i>Staphylococcus aureus</i>	Detected/Not Detected
<i>Escherichia coli</i>	Detected/Not Detected
<i>Mycoplasma hominis</i>	Detected/Not Detected

RESULT INTERPRETATION:

Result	Remarks
Detected	Sample provided contains targeted bacteria
Not Detected	Sample provided does not contain targeted bacteria/ number of bacterial DNA copies are below the detection limit of the assay and coverage.

METHODOLOGY:

The DICE panel assay was performed using Real-time PCR-based amplification of conserved gene-specific regions of individual pathogens from total DNA isolated from the provided clinical sample. Precisely, Mycobacterium detection using IS6110 and MPB64-specific primers for Mycobacterium tuberculosis complex (MTBC), and 16S rDNA-specific primers for nontuberculous mycobacteria (NTM) and other pathogens tested in this panel. The probes are labelled with fluorescent reporter and quencher dyes. Results were analysed based on the amplification curve and melting point analysis.

RECOMMENDATION:

Kindly correlate the results with other clinical findings

Test Ordering Information

Test Code	Test Name	Specimen Type	TAT
E0001b	EBV (Epstein Barr Virus) - DNA (Qualitative) by RT-PCR, EDTA Whole Blood	3ml Whole Blood or 1ml Plasma, EDTA in K2 EDTA (Lavender top)	Daily by 6pm; Report by next day
E0001c	EBV Virus Load (Quantitative) by RT-PCR, EDTA Whole Blood		
C0019e	Chikungunya, Malaria, Dengue by RT-PCR, EDTA Whole Blood		
C0023a	CMV PCR, Qualitative, EDTA Whole Blood		
C0023b	CMV PCR, Quantitative, EDTA Whole Blood		
C0023c	CMV PCR, Qualitative, Urine	10ml Urine in Sterile container	
A0026	Adenovirus Quantitative PCR, EDTA Whole Blood	3ml Whole Blood or 1ml Plasma, EDTA in K2 EDTA (Lavender top)	
A0026a	Adenovirus Qualitative PCR, EDTA Whole Blood		
P0005c	Parvovirus Detection by RT-PCR (Qualitative), EDTA Whole Blood		
P0005d	Parvovirus Detection by RT-PCR (Quantitative), EDTA Whole Blood		
H0003	HSV 1 & 2 Qualitative By PCR, EDTA Whole Blood		
H0012g	HSV 1 & 2 Viral Load (Quantitative) by RT-PCR, EDTA Whole Blood	10ml Urine in Sterile container	
H0012h	HSV 1 & 2 Qualitative By PCR, Urine		
B0015a	BK JC Virus Detection by RT-PCR (Qualitative), EDTA Whole Blood	3ml Whole Blood or 1ml Plasma, EDTA in K2 EDTA (Lavender top)	
B0015b	BK Virus Load (Quantitative) by RT-PCR, EDTA Whole Blood		
B0014a	BK Virus Detection by RT-PCR (Qualitative), EDTA Whole Blood		
B0014b	BK Virus Load (Quantitative) by RT-PCR, EDTA Whole Blood		
J0003a	JC Virus Qualitative, Plasma		
J0003b	JC Virus Quantitative, Plasma	5ml to 10ml Amniotic fluid in sterile container	
TOR002	TORCH Detection (Qualitative) by RT-PCR, EDTA Whole Blood		
TOR001	TORCH Detection (Qualitative) by RT-PCR, Amniotic Fluid	Vaginal swab/10ml Urine in sterile container	
N0004	Neisseria gonorrhoeae Detection by RT-PCR, Vaginal Swab/Urine		
C0022c	Chlamydia Detection by RT-PCR, Vaginal Swab/Urine		
V0002c	Varicella zooster Virus Load (Quantitative) by RT-PCR, EDTA Whole Blood		
V0002d	Varicella zooster Virus Detection by RT-PCR (Qualitative), EDTA Whole Blood		
H0014d	HIV-RNA Viral load (Quantitative) by RT-PCR, EDTA Whole Blood		
H0014f	HIV-RNA (Qualitative) by RT-PCR, EDTA Whole Blood		
U0007	Ureaplasma Urealyticum by PCR, Urine	10ml Urine in Sterile container	
T0016	Trichomonas Vaginalis by PCR, Urine		
C0034b	Candida Albicans Detection by RT-PCR, Urine		
T0017	Treponema Pallidum by PCR, Urine	Genital Swab	
T0020b	Treponema pallidum (Qualitative) by PCR, Genital Swab		
STD003	STD- Comprehensive Panel	Male- Urine & Serum, Female- Vaginal swab & Serum in a sterile container	
STD002	STD Molecular Panel	Male- Urine/ Genital swab, Female- Vaginal swab in a sterile container	
STD004	STD Basic panel		
STD001	STD Serological panel	Serum in a sterile container	
STD006	Pelvic Inflammatory Disease (PID) Panel by RT-PCR	Endometrial tissue, Vaginal swab, Endocervical swab in a sterile container	
STD005	Detection of Infectious Chronic Endometritis (DICE) Panel by RT-PCR	Endometrial tissue only in a sterile container	
DICE-PATHO-GEN	DICE Pathogen Panel by RT-PCR	Biopsy Tissue, Body Fluids	
S0001d	SARS-CoV-2 (COVID-19) , RT-PCR	Thorat Swab/ Nasopharyngeal Swab in 3ml of Viral transport medium	Daily by 6pm; Report within 12-24 hours

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