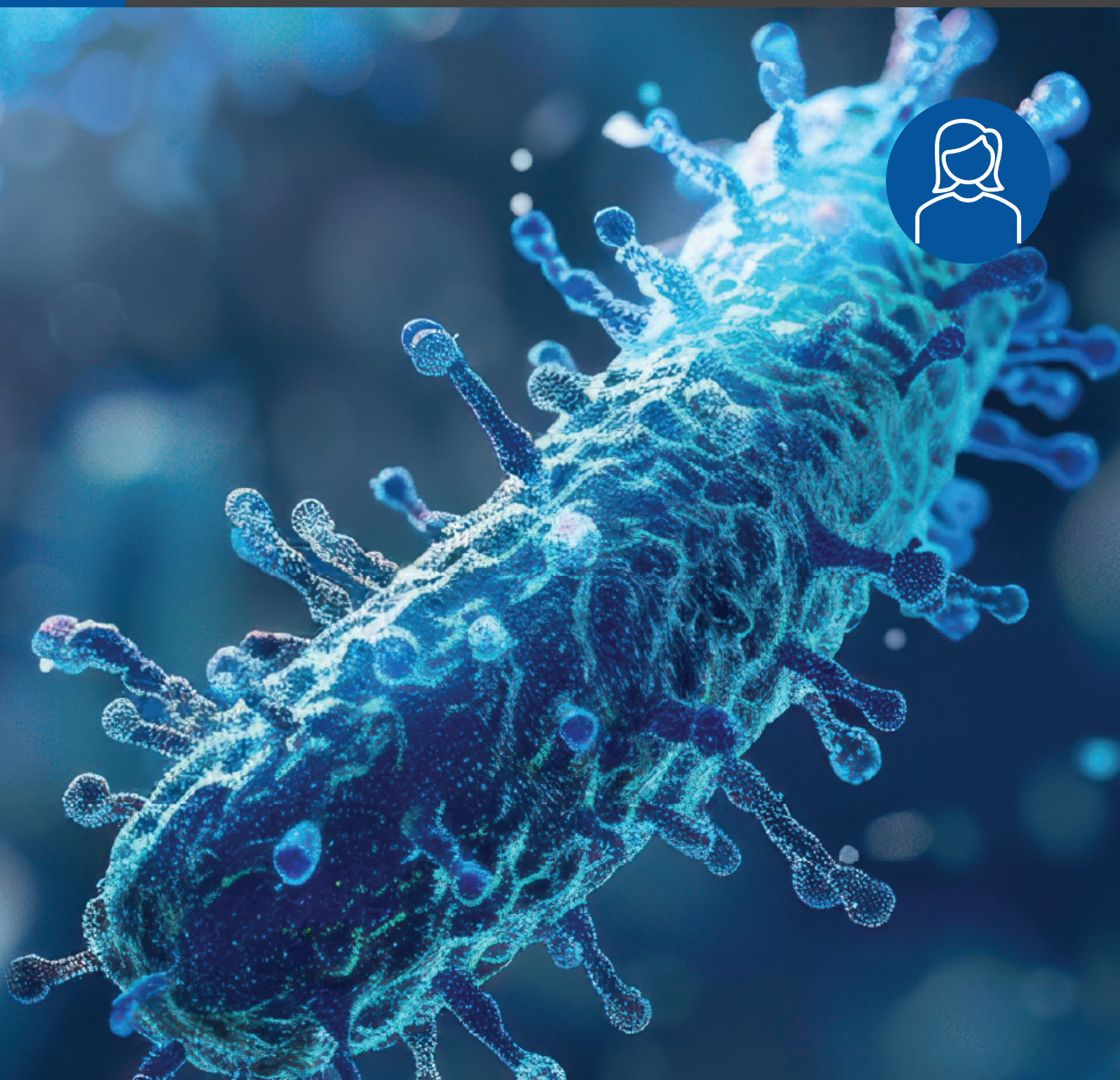


Women's Health

r-biopharm®



Efficient

Detect up to 40 targets with a single panel



Precise

High specificity and sensitivity for reliable results



Convenient

Intuitive, user-friendly workflow

r-biopharm.com.au

RIDA®Plex

Modern molecular diagnostic methods offer a significant improvement in the diagnosis of bacterial vaginosis and trichomoniasis. RIDA®Plex panels include a selection of markers that discern pathogens together with measurement of the microbial balance, which is indicative of gynaecologic diseases, vaginal dysbiosis and infectious vaginitis.

RIDA®Plex panels feature our proprietary multiplex-tandem PCR (MT-PCR) technology, a highly multiplexed molecular method that empowers users with the added capability to bacterial, parasitic, viral, and yeast pathogens in a single run. MT-PCR enables comprehensive syndromic diagnosis and earlier medical intervention.

Multiplexed molecular methods are becoming the gold standard for the detection of bacterial, parasitic, viral, and yeast pathogens due to their superior sensitivity, rapid turnaround time, simplicity, and ability to identify multiple pathogens and differentiate vaginal flora at the species level. This profiling enables clinicians to pinpoint subtle shifts in microbial communities that are not reliably captured by traditional methods.

Benefits of RIDA®Plex Panels

- Detect up to 40 targets with a single panel
- High specificity for reliable results
- Separated 2-step process that allows parallel processing for greater efficiency
- Low volume of sample required, allowing for further analysis of the remainder of the sample
- Low number of multiplexed amplification cycles which limits competition and preserves quantitation

RX
24

RIDA®Plex panel compatible with RIDA®Xplore Instrument

RJ
96

RIDA®Plex panel compatible with RIDA®Jump Instrument

8
well

8 well RIDA®Plex panel

12
well

12 well RIDA®Plex panel

16
well

16 well RIDA®Plex panel

24
well

24 well RIDA®Plex panel

Women's Health RIDA®Plex Panels

BV & Thrush

Panels for determining the bacterial balance between normal and anaerobic flora, detection of the most common *Candida* species, and detection of *Trichomonas vaginalis*.

RIDA®Plex Vaginitis and Vaginosis 8 well REF 27117 | IVD

RX
24

RJ
96

Bacteria

Atopobium vaginae
Gardnerella vaginalis

Lactobacillus crispatus
Lactobacillus iners

Fungi

Candida albicans
Candida parapsilosis

Nakaseomyces glabratus (formerly
Candida glabrata)
Pichia kudriavzevii (formerly *Candida*
krusei)

Parasites

Trichomonas vaginalis

RIDA®Plex Vaginitis and Vaginosis 12 well REF 87124 | IVD

RX
24

RJ
96

Bacteria

Atopobium vaginae
Gardnerella vaginalis
Lactobacillus crispatus
Lactobacillus gasseri

Lactobacillus iners
Lactobacillus jensenii
Lactobacillus johnsonii

Fungi

Candida albicans
Candida tropicalis
Candida parapsilosis

Nakaseomyces glabratus (formerly
Candida glabrata)
Pichia kudriavzevii (formerly *Candida*
krusei)

Parasites

Trichomonas vaginalis



Automation

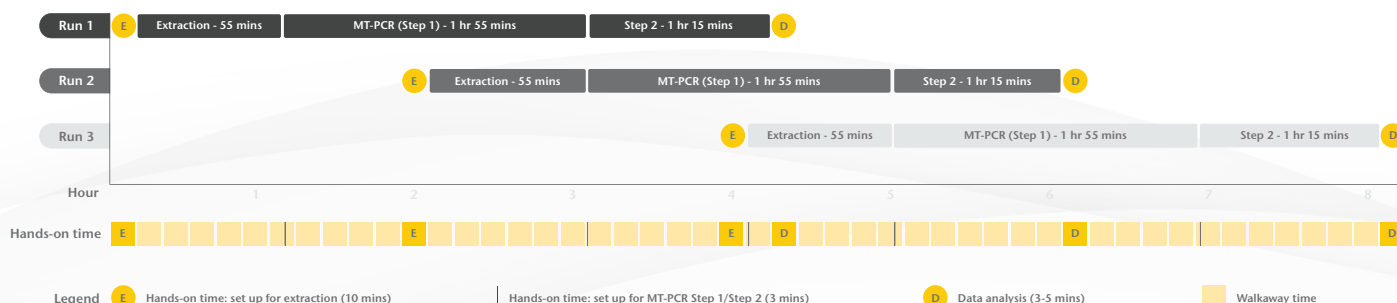
Diagnostic testing using RIDA®Plex panels is effortless with automation solutions for any workflow, ranging from low to high throughput and screening applications.

RIDA®Xplore Alliance

Low-Medium Throughput

RIDA®Xtract 24 extraction with RIDA®Xplore MT-PCR processing

- Sample to results from up to 24 samples¹ in approx. 4 hrs 30 mins
Extraction: 35 – 55 mins² | MT-PCR: 3 hrs 30 mins
- Quick and easy setup in approx. 2 mins
- Ready-to-use reagents and key plastic consumables
- Small footprint – requires less than 2m of bench space
- UV deck sterilisation to prevent cross contamination
- Automatic results calling
- LIMS compatible



¹8 well, 12 well and 16 well RIDA®Plex panels can run up to 24 samples; 24 well RIDA®Plex panels can run up to 16 samples.

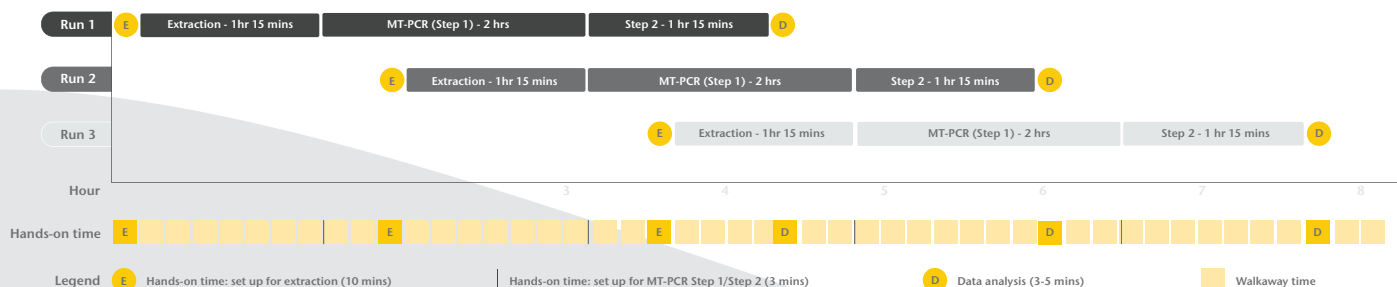
²Using RIDA®Xtract 24 Pathogen Kit. Approx. 35-minute rapid protocol, 55-minute standard protocol for up to 24 samples.

RIDA®Jump Alliance

High Throughput

RIDA®Xtract 96* (coming soon) extraction with RIDA®Jump MT-PCR processing

- Sample to results from up to 96 primary samples³ in approx. 4 hrs 15 mins
- Extraction: 1 hr 15 mins⁴ | MT-PCR: 3 hrs 30 mins
- Set up in approx. 2 mins
- Ready-to-use reagents and key plastic consumables
- Multi-channel pipetting for efficient processing
- Use with universal RIDA®Plex panels
- Automatic results calling
- LIMS compatible



Sample RIDA®Plex Results

Presence of a target gene is represented by the fluorescence detected during the MT-PCR process. These results (Figure 1) are also presented as melt curves and gene targets detected in the sample are automatically called for clear diagnosis.



Figure 1: Sample results for Vaginitis and Vaginosis 12-well (REF 87124)

Product Portfolio



RIDA®Plex



RIDA®Prep



RIDA®PrepX



RIDA®Xtract 24



RIDA®Xtract 96



Automation Systems



Dermatophytes



Gastrointestinal



Respiratory Pathogens



Hospital Care



Drug Resistance



Sexual Health



Urinary Tract Infections



Women's Health



Vector-Borne Infections



Animal Health



Applied Testing

Ordering Information

Each RIDA®Plex panel requires the following to run:

1. RIDA®Plex Step 1 Tubes (e.g. 27117S)
2. RIDA®Plex Step 2 Plates (e.g. 27117P)
3. Reagent Cassette for RIDA®Xplore or Reagent Reservoir for RIDA®Jump instruments
4. A RIDA®Plex Positive Control



Learn More

Key Reagents

#####S	RIDA®Plex Step 1 for the desired panel	RX 24	RI 96
#####P	RIDA®Plex Step 2 for the desired panel	RX 24	RI 96
40241	RIDA®Plex S DNA Cassette ¹	RX 24	
40231	RIDA®Plex L DNA Cassette ¹	RX 24	
40341	RIDA®Plex S RNA Cassette ¹	RX 24	
40331	RIDA®Plex L RNA Cassette ¹	RX 24	
40631	RIDA®Plex S DNA Reservoir ²		RI 96
40621	RIDA®Plex M DNA Reservoir ²		RI 96
40611	RIDA®Plex L DNA Reservoir ²		RI 96
40731	RIDA®Plex S RNA Reservoir ²		RI 96
40721	RIDA®Plex M RNA Reservoir ²		RI 96
40711	RIDA®Plex L RNA Reservoir ²		RI 96
91021	RIDA®Plex Positive Control STIs and Herpes	RX 24	RI 96
RIDA®Xplore Alliance		RX 24	
96420	RIDA®Xtract 24		
96521	RIDA®Xplore		
RIDA®Jump Alliance			RI 96
96120	RIDA®Xtract 96 ³		
96221	RIDA®Jump		

¹Reagent Cassettes are for use with the RIDA®Xplore.

²Reagent Reservoirs are for use with the RIDA®Jump.

³RIDA®Xtract 96 registered as MT-Prep XL

Ordering information on consumables for the RIDA®Xplore Alliance and RIDA®Jump Alliance is available from your local R-Biopharm Australia representative.



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