biotical



qPCR KITS

Product Catalogue

biotical

What is different in biotical qPCR KITS?

- All our qPCR kits are produced in the EU (SPAIN), are CE marked and have been validated under the new EU medical device EU regulatory mark for medical devices.
- The products are LYOPHILIZATED.
  - NO COLD CHAIN REQUIRED. The product is stable at 25ºC.
  - DOUBLE OF EXPIRY DATE (24 Months) comparing with other competitors.
- DEDICATED SUPORT TO THE DISTRIBUTOR: We have created manuals for use our kits in the most common thermocyclers of the market. In case of a new machine, we support you for a perfect adjustment of the machine.

Customization options

- 96 Strips or 48 Strips option in all references.
- Low Strip, high Strip or Tube.
- 3 types of controls available:

INTERNAL CONTROL

It is a **parallel reaction** ran in the same reaction well with the same PCR reagents except primer and probe, the reaction is followed in different fluorescence channel **(HEX** or **Cy5).**

IC serves to **verify the PCR assay**:

- The reaction well has properly rehydrated
- The reagents are in proper condition
- The PCR system has executed the thermal cycle and the optical system is working

EXTRACTION CONTROL

EC (green vial) is a non-infectious nucleic acid lyophilized with the sequence of target (amplicon).

EC **HEX** or **Cy5** channel.

Extraction Control can be used to monitor nucleic acid isolation and/or as PCR inhibition control.

ENDOGENOUS CONTROL

It is a **parallel reaction** ran in the same reaction well with the same PCR reagents except primer and probe.

Housekeeping gene (human RNase P gene).

Human housekeeping genes are involved in basic cell maintenance and, therefore, are expected to be present in all nucleated human cells and maintain relatively constant expression levels.

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Real Time PCR
Product Catalogue

REFERENCE	Kit Name

GASTROINTESTINAL VIRUSES

1 • Rotavirus detection

PCRB-48LP-RTV	Rotavirus Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-RTV	Rotavirus Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-RTV	Rotavirus Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-RTV	Rotavirus Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-RTV	Rotavirus Real Time PCR Detection Kit 4 tubes x 24 rxn

2 • Adenovirus detection

PCRB-48LP-ADV	Adenovirus Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-ADV	Adenovirus Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-ADV	Adenovirus Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-ADV	Adenovirus Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-ADV	Adenovirus Real Time PCR Detection Kit 4 tubes x 24 rxn

3 • Astrovirus detection

PCRB-48LP-ATV	Astrovirus Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-ATV	Astrovirus Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-ATV	Astrovirus Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-ATV	Astrovirus Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-ATV	Astrovirus Real Time PCR Detection Kit 4 tubes x 24 rxn

4 • Norovirus Gen I detection

PCRB-48LP-NOG	Norovirus GI Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-NOG	Norovirus GI Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-NOG	Norovirus GI Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-NOG	Norovirus GI Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-NOG	Norovirus GI Real Time PCR Detection Kit 4 tubes x 24 rxn

5 • Norovirus Gen II detection

PCRB-48LP-NOP	Norovirus GII Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-NOP	Norovirus GII Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-48LP-NOP	Norovirus GII Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-48HP-NOP	Norovirus GII Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-NOP	Norovirus GII Real Time PCR Detection Kit 4 tubes x 24 rxn

6 • Sapovirus detection

PCRB-48LP-SAV	Sapovirus GII Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-SAV	Sapovirus GII Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-SAV	Sapovirus GII Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-SAV	Sapovirus GII Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-SAV	Sapovirus GII Real Time PCR Detection Kit 4 tubes x 24 rxn

GASTROINTESTINAL VIRUSES (II)

7 • Norovirus GI+GII detection

PCRB-48LP-NOR	Norovirus GI+GII Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-NOR	Norovirus GI+GII Real Time PCR Detection Kit 6x8-well strips, HP
PCRB-96LP-NOR	Norovirus GI+GII Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-NOR	Norovirus GI+GII Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-NOR	Norovirus GI+GII Real Time PCR Detection Kit, 4 tubes x 24 rxn

GASTROINTESTINAL BACTERIA

8 • H. pylori detection

PCRB-48LP-PYR	Helicobacter pylori Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-PYR	Helicobacter pylori Real Time PCR Detection Kit 6x8-well strips, HP
PCRB-96LP-PYR	Helicobacter pylori Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-PYR	Helicobacter pylori Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-PYR	Helicobacter pylori Real Time PCR Detection Kit, 4 tubes x 24 rxn

9 • Clostridium difficile detection

PCRB-48LP-CDS	Clostridium difficile Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-CDS	Clostridium difficile Real Time PCR Detection Kit 6x8-well strips, HP
PCRB-96LP-CDS	Clostridium difficile Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-CDS	Clostridium difficile Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-CDS	Clostridium difficile Real Time PCR Detection Kit, 4 tubes x 24 rxn

10 • Clostridium difficile Toxin B detection

PCRB-48LP-CTB	Clostridium difficile toxB Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-CTB	Clostridium difficile toxB Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-CTB	Clostridium difficile ToxB Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-CTB	Clostridium difficile ToxB Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-CTB	Clostridium difficile toxB Real Time PCR Detection Kit, 4 tubes x 24 rxn

11 • Clostridium difficile Toxin A/B detection

PCRB-48LP-CIA	Clostridium difficile toxins A/B Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-CIA	Clostridium difficile toxins A/B Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-CIA	Clostridium difficile Toxins A/B Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-CIA	Clostridium difficile Toxins A/B Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-CIA	Clostridium difficile toxins A/B Real Time PCR Detection Kit, 4 tubes x 24 rxn

12 • Campylobacter detection

PCRB-48LP-CAM	Campylobacter Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-CAM	Campylobacter Real Time PCR Detection Kit 6x8-well strips, HP
PCRB-96LP-CAM	Campylobacter Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-CAM	Campylobacter Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-CAM	Campylobacter Real Time PCR Detection Kit, 4 tubes x 24 rxn

13 • Salmonella detection

PCRB-48LP-SAM	Salmonella Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-SAM	Salmonella Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-SAM	Salmonella Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-SAM	Salmonella Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-SAM	Salmonella Real Time PCR Detection Kit, 4 tubes x 24 rxn

GASTROINTESTINAL BACTERIA (II)

14 • Shigella/Enteroinvasive Escherichia coli (EIEC) detection

PCRB-48LP-SHY	Shigella/EIEC Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-SHY	Shigella/EIEC Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-SHY	Shigella/EIEC Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-SHY	Shigella/EIEC Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-SHY	Shigella/EIEC Real Time PCR Detection Kit, 4 tubes x 24 rxn

15 • Yersinia enterocolitica detection

PCRB-48LP-YER	Yersinia enterocolitica Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-YER	Yersinia enterocolitica Real Time PCR Detection Kit 6x8-well strips, HP
PCRB-96LP-YER	Yersinia enterocolitica Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-YER	Yersinia enterocolitica Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-YER	Yersinia enterocolitica Real Time PCR Detection Kit, 4 tubes x 24 rxn

16 • Salmonella, Campylobacter & Shigella / Enteroinvasive Eschericia coli (EIEC) detection

PCRB-48LP-ENT	Salmonella, Campylobacter & Shigella Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-ENT	Salmonella, Campylobacter & Shigella Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-ENT	Salmonella, Campylobacter & Shigella/EIEC Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-ENT	Salmonella, Campylobacter & Shigella/EIEC Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-ENT	Salmonella, Campylobacter & Shigella/EIEC Real Time PCR Detection Kit, 4 tubes x 24 rxn

17 • Salmonella, Campylobacter & Yersinia enterocolitica detection

PCRB-48LP-SCY	Salmonella, Campylobacter & Yersinia E. Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-SCY	Salmonella, Campylobacter & Yersinia E. Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-SCY	Salmonella, Campylobacter & Y.enterocolitica Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-SCY	Salmonella, Campylobacter & Y.enterocolitica Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-SCY	Salmonella, Campylobacter & Yersinia E. Real Time PCR Detection Kit, 4 tubes x 24 rxn

18 • Aeromonas + Yersinia enterocolitica detection

PCRB-48LP-YAE	Aeromonas + Yersinia enterocolitica Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-YAE	Aeromonas + Yersinia enterocolitica Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-YAE	Aeromonas + Yersinia enterocolitica Real Time PCR Detection Kit 12 strips, Low profile
PCRB-96HP-YAE	Aeromonas + Yersinia enterocolitica Real Time PCR Detection Kit 12 strips, high profile
PCRB-TUBE-YAE	Aeromonas + Yersinia enterocolitica Real Time PCR Detection Kit, 4 tubes x 24 rxn

19 • E. coli EHEC, EPEC & EIEC detection

PCRB-48LP-EEE	E. coli EHEC, EPEC & EIEC Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-EEE	E. coli EHEC, EPEC & EIEC Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-EEE	E. coli EHEC, EPEC & EIEC Real Time PCR Detection Kit 12 strips, Low profile
PCRB-96HP-EEE	E. coli EHEC, EPEC & EIEC Real Time PCR Detection Kit 12 strips, High profile
PCRB-TUBE-EEE	E. coli EHEC, EPEC & EIEC Real Time PCR Detection Kit, 4 tubes x 24 rxn

20 • E. coli ETEC + EIEC detection

PCRB-48LP-ESE	E. coli ETEC + EIEC Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-ESE	E. coli ETEC + EIEC Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-ESE	E. coli ETEC + EIEC Real Time PCR Detection Kit 12 strips, Low profile
PCRB-96HP-ESE	E. coli ETEC + EIEC Real Time PCR Detection Kit 12 strips, High profile
PCRB-TUBE-ESE	E. coli ETEC + EIEC Real Time PCR Detection Kit, 4 tubes x 24 rxn

GASTROINTESTINAL BACTERIA (III)

21 • E. coli Typing (E. coli ETEC + EIEC) + (E. coli EHEC, EPEC & EIEC) detection

PCRB-48LP-ECT	E. coli Typing Real Time PCR Detection Kit 6x8-well strips, low profile, 24 samples
PCRB-48HP-ECT	E. coli Typing Real Time PCR Detection Kit 6x8-well strips, high profile, 24 samples
PCRB-96LP-ECT	E. coli Typing Real Time PCR Detection Kit 12 strips, Low, 48 samples
PCRB-96HP-ECT	E. coli Typing Real Time PCR Detection Kit 12 strips, High, 48 samples
PCRB-TUBE-ECT	E. coli Typing Real Time PCR Detection Kit, 4 tubes x 24 rxn

22 • Campylobacter coli, C. lari & C. jejuni detection

PCRB-48LP-CLJ	Campylobacter coli, C. lari & C. jejuni Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-CLJ	Campylobacter coli, C. lari & C. jejuni Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-CLJ	Campylobacter coli, C. lari & C. jejuni Real Time PCR Detection Kit 12 strips, LP
PCRB-96HP-CLJ	Campylobacter coli, C. lari & C. jejuni Real Time PCR Detection Kit 12 strips, HP
PCRB-TUB-CLJ	Campylobacter coli, C. lari & C. jejuni Real Time PCR Detection Kit 4 tubes x 24 rxn

23 • C. difficile Toxin A+Toxin B detection

PCRB-48LP-CDA	Clostridium difficile toxins A+B Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-CDA	Clostridium difficile toxins A+B Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-CDA	Clostridium difficile toxins A+B Real Time PCR Detection Kit 12-well strips, low profile
PCRB-96HP-CDA	Clostridium difficile toxins A+B Real Time PCR Detection Kit 12-well strips, high profile
PCRB-TUBE-CDA	Clostridium difficile toxins A+B Real Time PCR Detection Kit 4 tubes x 24 rxn

GASTROINTESTINAL PARASITES

24 • Cryptosporidium detection

PCRB-48LP-KRY	Cryptosporidium Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-KRY	Cryptosporidium Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-KRY	Cryptosporidium Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-KRY	Cryptosporidium Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-KRY	Cryptosporidium Real Time PCR Detection Kit, 4 tubes x 24 rxn

25 • Giardia lamblia detection

PCRB-48LP-GIA	Giardia lamblia Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-GIA	Giardia lamblia Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-GIA	Giardia lamblia Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-GIA	Giardia lamblia Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-GIA	Giardia lamblia Real Time PCR Detection Kit, 4 tubes x 24 rxn

26 • Entamoeba histolytica detection

PCRB-48LP-ETH	Entamoeba Histolytica Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-ETH	Entamoeba Histolytica Real Time PCR Detection Kit 6x8-well strips, HP
PCRB-96LP-ETH	Entamoeba histolytica Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-ETH	Entamoeba histolytica Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-ETH	Entamoeba Histolytica Real Time PCR Detection Kit, 4 tubes x 24 rxn

27 • Entamoeba dispar detection

PCRB-48LP-ETD	Entamoeba Dispar Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-ETD	Entamoeba Dispar Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-ETD	Entamoeba dispar Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-ETD	Entamoeba dispar Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-ETD	Entamoeba Dispar Real Time PCR Detection Kit, 4 tubes x 24 rxn

GASTROINTESTINAL PARASITES (II)

28 • Cryptosporidium, Giardia & E. histolytica detection

PCRB-48LP-KGE	Cryptosporidium, Giardia & E.histolytica Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-KGE	Cryptosporidium, Giardia & E.histolytica Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-KGE	Cryptosporidium, Giardia & E.histolytica Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-KGE	Cryptosporidium, Giardia & E.histolytica Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-KGE	Cryptosporidium, Giardia & E.histolytica Real Time PCR Detection Kit, 4 tubes x 24 rxn

29 • Dientamoeba fragilis detection

PCRB-48LP-DIE	Dientamoeba fragilis Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-DIE	Dientamoeba fragilis Real Time PCR Detection Kit 6x8-well strips, HP
PCRB-96LP-DIE	Dientamoeba fragilis Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-DIE	Dientamoeba fragilis Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-DIE	Dientamoeba fragilis Real Time PCR Detection Kit, 4 tubes x 24 rxn

30 • Blastocystis hominis + Dientamoeba fragilis detection

PCRB-48LP-BLD	Blastocystis hominis + Dientamoeba fragilis Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-BLD	Blastocystis hominis + Dientamoeba fragilis Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-BLD	Blastocystis hominis + Dientamoeba fragilis Real Time PCR Detection Kit 12 strips, Low
PCRB-96HP-BLD	Blastocystis hominis + Dientamoeba fragilis Real Time PCR Detection Kit 12 strips, High
PCRB-TUBE-BLD	Blastocystis hominis + Dientamoeba fragilis Real Time PCR Detection Kit, 4 tubes x 24 rxn

RESPIRATORY VIRUSES

31 • Influenza A detection

PCRB-48LP-YIA	Influenza A Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-YIA	Influenza A Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-YIA	Influenza A Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-YIA	Influenza A Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-YIA	Influenza A Real Time PCR Detection Kit, 4 tubes x 24 rxn

32 • Influenza B detection

PCRB-48LP-YIB	Influenza B Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-YIB	Influenza B Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-YIB	Influenza B Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-YIB	Influenza B Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-YIB	Influenza B Real Time PCR Detection Kit, 4 tubes x 24 rxn

33 • Flu A+B detection

PCRB-48LP-IAB	Flu A+B Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-IAB	Flu A+B Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-IAB	Flu A+B Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-IAB	Flu A+B Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-IAB	Flu A+B Real Time PCR Detection Kit, 4 tubes x 24 rxn

34 • Influenza H1N1 detection

PCRB-48LP-HNV	Influenza H1N1 Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-HNV	Influenza H1N1 Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-HNV	Influenza H1N1 Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-HNV	Influenza H1N1 Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-HNV	Influenza H1N1 Real Time PCR Detection Kit, 4 tubes x 24 rxn

RESPIRATORY VIRUSES (II)

35 • RSV A detection

PCRB-48LP-RSA	RSV A Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-RSA	RSV A Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-RSA	RSV A Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-RSA	RSV A Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-RSA	RSV A Real Time PCR Detection Kit, 4 tubes x 24 rxn

36 • RSV B detection

PCRB-48LP-RSB	RSV B Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-RSB	RSV B Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-RSB	RSV B Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-RSB	RSV B Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-RSB	RSV B Real Time PCR Detection Kit, 4 tubes x 24 rxn

37 • RSV A+B detection

PCRB-48LP-RSV	RSV A+B Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-RSV	RSV A+B Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-RSV	RSV A+B Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-RSV	RSV A+B Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-RSV	RSV A+B Real Time PCR Detection Kit, 4 tubes x 24 rxn

38 • Flu A, Flu B & RSV detection

PCRB-48LP-ABR	Flu A, Flu B & RSV Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-ABR	Flu A, Flu B & RSV Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-ABR	Flu A, Flu B & RSV Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-ABR	Flu A, Flu B & RSV Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-ABR	Flu A, Flu B & RSV Real Time PCR Detection Kit, 4 tubes x 24 rxn

39 • Flu Typing I (H1N1 & H3N2) detection

PCRB-48LP-H13	Flu Typing I Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-H13	Flu Typing I Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-H13	Flu Typing I Real Time PCR Detection Kit 12 strips, Low profile
PCRB-96HP-H13	Flu Typing I Real Time PCR Detection Kit 12 strips, High profile
PCRB-TUBE-H13	Flu Typing I Real Time PCR Detection Kit, 4 tubes x 24 rxn

40 • Flu Typing II (H1N1, H5N1, H3N2 & H7N9) detection

PCRB-48LP-HXN	Flu Typing II (H1N1, H5N1, H3N2 & H7N9) Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-HXN	Flu Typing II (H1N1, H5N1, H3N2 & H7N9) Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-HXN	Flu Typing II (H1N1, H5N1, H3N2 & H7N9) Real Time PCR Detection Kit 12 strips, Low profile
PCRB-96HP-HXN	Flu Typing II (H1N1, H5N1, H3N2 & H7N9) Real Time PCR Detection Kit 12 strips, High profile
PCRB-TUBE-HXN	Flu Typing II (H1N1, H5N1, H3N2 & H7N9) Real Time PCR Detection Kit, 4 tubes x 24 rxn

41 • Respiratory Viral Panel I (Flu A, Flu B & RSV) + (H1N1, H5N1, H3N2 & H7N9) detection

PCRB-48LP-INF	Respiratory Viral Panel I Real Time PCR Detection Kit 6 strips, Low, 24 samples
PCRB-48HP-INF	Respiratory Viral Panel I Real Time PCR Detection Kit 6 strips, HP, 24 samples
PCRB-96LP-INF	Respiratory Viral Panel I Real Time PCR Detection Kit 12 strips, Low, 48 samples
PCRB-96HP-INF	Respiratory Viral Panel I Real Time PCR Detection Kit 12 strips, HP, 48 samples
PCRB-TUBE-INF	Respiratory Viral Panel I Real Time PCR Detection Kit, 4 tubes x 24 rxn

RESPIRATORY VIRUSES (III)

42 • Parainfluenza 1 detection

PCRB-48LP-PIA	Parainfluenza 1 Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-PIA	Parainfluenza 1 Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-PIA	Parainfluenza 1 Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-PIA	Parainfluenza 1 Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-PIA	Parainfluenza 1 Real Time PCR Detection Kit, 4 tubes x 24 rxn

43 • Parainfluenza 2 detection

PCRB-48LP-PIB	Parainfluenza 2 Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-PIB	Parainfluenza 2 Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-PIB	Parainfluenza 2 Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-PIB	Parainfluenza 2 Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-PIB	Parainfluenza 2 Real Time PCR Detection Kit, 4 tubes x 24 rxn

44 • Parainfluenza 3 detection

PCRB-48LP-PIC	Parainfluenza 3 Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-PIC	Parainfluenza 3 Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-PIC	Parainfluenza 3 Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-PIC	Parainfluenza 3 Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-PIC	Parainfluenza 3 Real Time PCR Detection Kit, 4 tubes x 24 rxn

45 • Parainfluenza 4 detection

PCRB-48LP-PID	Parainfluenza 4 Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-PID	Parainfluenza 4 Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-PID	Parainfluenza 4 Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-PID	Parainfluenza 4 Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-PID	Parainfluenza 4 Real Time PCR Detection Kit, 4 tubes x 24 rxn

46 • Parainfluenza virus (1, 3 & 2, 4) detection

PCRB-48LP-PIZ	Parainfluenza Real Time PCR Detection Kit 6x8-well strips, low profile, 24 samples
PCRB-48HP-PIZ	Parainfluenza Real Time PCR Detection Kit 6x8-well strips, high profile, 24 samples
PCRB-96LP-PIZ	Parainfluenza Real Time PCR Detection Kit 12 strips, Low, 48 samples
PCRB-96HP-PIZ	Parainfluenza Real Time PCR Detection Kit 12 strips, High, 48 samples
PCRB-TUBE-PIZ	Parainfluenza Real Time PCR Detection Kit, 4 tubes x 24 rxn

47 • Human Metapneumovirus detection

PCRB-48LP-MPV	Human Metapneumovirus Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-MPV	Human Metapneumovirus Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-MPV	Human Metapneumovirus Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-MPV	Human Metapneumovirus Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-MPV	Human Metapneumovirus Real Time PCR Detection Kit, 4 tubes x 24 rxn

48 • Adenovirus, Metapneumovirus & Bocavirus detection

PCRB-48LP-AMB	Adenovirus, Metapneumovirus & Bocavirus Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-AMB	Adenovirus, Metapneumovirus & Bocavirus Real Time PCR Detection Kit 6x8-well strips, HP
PCRB-96LP-AMB	Adenovirus, Metapneumovirus & Bocavirus Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-AMB	Adenovirus, Metapneumovirus & Bocavirus Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-AMB	Adenovirus, Metapneumovirus & Bocavirus Real Time PCR Detection Kit, 4 tubes x 24 rxn

RESPIRATORY VIRUSES (IV)

49 • Rhinovirus + Enterovirus detection

PCRB-48LP-RHE	Rhinovirus + Enterovirus Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-RHE	Rhinovirus + Enterovirus Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-RHE	Rhinovirus + Enterovirus Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-RHE	Rhinovirus + Enterovirus Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-RHE	Rhinovirus + Enterovirus Real Time PCR Detection Kit, 4 tubes x 24 rxn

50 • MERS Coronavirus detection

PCRB-48LP-MER	MERS Coronavirus Real Time PCR Detection Kit 6x8-well strips, low profile, 24 samples
PCRB-48HP-MER	MERS Coronavirus Real Time PCR Detection Kit 6x8-well strips, high profile, 24 samples
PCRB-96LP-MER	MERS Coronavirus Real Time PCR Detection Kit 12x8-well strips, low profile, 48 samples
PCRB-96HP-MER	MERS Coronavirus Real Time PCR Detection Kit 12x8-well strips, high profile, 48 samples
PCRB-TUBE-MER	MERS Coronavirus Real Time PCR Detection Kit, 4 tubes x 24 rxn

51 • Coronavirus 229, NL63, OC43 & HKU1 detection

PCRB-48LP-COR	Coronavirus 229, NL63, OC43 & HKU1 Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-COR	Coronavirus 229, NL63, OC43 & HKU1 Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-COR	Coronavirus 229, NL63, OC43 & HKU1 Real Time PCR Detection Kit 12 strips, Low
PCRB-96HP-COR	Coronavirus 229, NL63, OC43 & HKU1 Real Time PCR Detection Kit 12 strips, High
PCRB-TUBE-COR	Coronavirus 229, NL63, OC43 & HKU1 Real Time PCR Detection Kit, 4 tubes x 24 rxn

RESPIRATORY BACTERIA

52 • Bordetella pertussis, B. parapertussis & B. holmesii detection

PCRB-48LP-BOR	Bordetella Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-BOR	Bordetella Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-BOR	Bordetella Real Time PCR Detection Kit 12x8-well strips, low profile
PCRB-96HP-BOR	Bordetella Real Time PCR Detection Kit 12x8-well strips, high profile
PCRB-TUBE-BOR	Bordetella Real Time PCR Detection Kit, 4 tubes x 24 rxn

RESPIRATORY BACTERIA (II)

53 • H. influenzae, S. pneumoniae & M. catarrhalis detection

PCRB-48LP-SHM	H. influenzae, S. pneumoniae & M. catarrhalis Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-SHM	H. influenzae, S. pneumoniae & M. catarrhalis Real Time PCR Detection Kit 6x8-well strips, HP
PCRB-96LP-SHM	H. influenzae + S. pneumoniae + M. catarrhalis Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-SHM	H. influenzae + S. pneumoniae + M. catarrhalis Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-SHM	H. influenzae, S. pneumoniae & M. catarrhalis Real Time PCR Detection Kit, 4 tubes x 24 rxn

54 • M. tuberculosis complex detection

PCRB-48LP-MTC	M. tuberculosis complex Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-MTC	M. tuberculosis complex Real Time PCR Detection Kit 6x8-well strips, HP
PCRB-96LP-MTC	M. tuberculosis complex Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-MTC	M. tuberculosis complex Real Time PCR Detection Kit 12x8-well strips, HP

55 • M. tuberculosis complex + Non-Tuberculous mycobacteria detection

PCRB-48LP-MTD	M. tuberculosis complex + non-tuberculous mycobacteria Real Time PCR Detection Kit 6X8 stripLP
PCRB-48HP-MTD	M. tuberculosis complex + non-tuberculous mycobacteria Real Time PCR Detection Kit 6X8 stripHP
PCRB-96LP-MTD	M. tuberculosis complex + non-tuberculous mycobacteria Real Time PCR Detection Kit 12stripLP
PCRB-96HP-MTD	M. tuberculosis complex + non-tuberculous mycobacteria Real Time PCR Detection Kit 12stripHP
PCRB-TUBE-MTD	M. tuberculosis complex + non-tuberculous mycobacteria Real Time PCR Detection Kit, 4 tubes x 24 rxn

56 • Group A Streptococcus detection

PCRB-48LP-GAS	Group A Streptococcus Real Time PCR Detection Kit 6x9 strips, LP
PCRB-48HP-GAS	Group A Streptococcus Real Time PCR Detection Kit 6x8 strips, HP
PCRB-96LP-GAS	Group A Streptococcus Real Time PCR Detection Kit 12 strips, LP
PCRB-96HP-GAS	Group A Streptococcus Real Time PCR Detection Kit 12 strips, HP
PCRB-TUBE-GAS	Group A Streptococcus Real Time PCR Detection Kit 4 tubes x 24

RESPIRATORY FUNGI

57 • Quantitative Pneumocystis jirovecii detection

PCRB-48LP-JIR	Pneumocystis jirovecii Real Time PCR Detection Kit 6x8-well strips, LP
PCRB-48HP-JIR	Pneumocystis jirovecii Real Time PCR Detection Kit 6x8-well strips, HP
PCRB-96LP-JIR	Pneumocystis jirovecii Real Time PCR Detection Kit 12x8-well strips, LP
PCRB-96HP-JIR	Pneumocystis jirovecii Real Time PCR Detection Kit 12x8-well strips, HP
PCRB-TUBE-JIR	Pneumocystis jirovecii Real Time PCR Detection Kit, 4 tubes x 24 rxn

SEXUAL TRANSMITTED DISEASES

58 • Streptococcus B detection

PCRB-48LP-GBS	Streptococcus B Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-GBS	Streptococcus B Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-GBS	Streptococcus B Real Time PCR Detection Kit 12 strips, Low
PCRB-96HP-GBS	Streptococcus B Real Time PCR Detection Kit 12 strips, High
PCRB-TUBE-GBS	Streptococcus B Real Time PCR Detection Kit, 4 tubes x 24 rxn

SEXUAL TRANSMITTED DISEASES (II)

59 • Candida albicans, Gardnerella vaginalis & Trichomonas vaginalis detection

PCRB-48LP-CGT	C. albicans, G. vaginalis & T. vaginalis Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-CGT	C. albicans, G. vaginalis & T. vaginalis Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-CGT	C. albicans, G. vaginalis & T. vaginalis Real Time PCR Detection Kit 12 strips, Low
PCRB-96HP-CGT	C. albicans, G. vaginalis & T. vaginalis Real Time PCR Detection Kit 12 strips, High
PCRB-TUBE-CGT	C. albicans, G. vaginalis & T. vaginalis Real Time PCR Detection Kit, 4 tubes x 24 rxn

RESISTANCE DETECTION

60 • H. pylori + Clarithromycin resistance detection

PCRB-48LP-CLA	H. pylori + Clarithromycin resistance Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-CLA	H. pylori + Clarithromycin resistance Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-CLA	H. pylori + Clarithromycin resistance Real Time PCR Detection Kit 12 strips, Low
PCRB-96HP-CLA	H. pylori + Clarithromycin resistance Real Time PCR Detection Kit 12 strips, High
PCRB-TUBE-CLA	H. pylori + Clarithromycin resistance Real Time PCR Detection Kit, 4 tubes x 24 rxn

TRANSPLANTATION

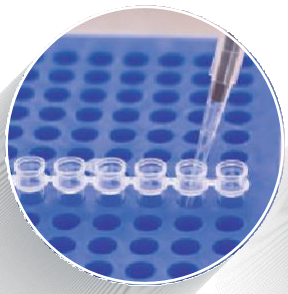
61 • BK+JC Virus detection

PCRB-48LP-BKC	BK+JC Virus Real Time PCR Detection Kit 6x8-well strips, low profile
PCRB-48HP-BKC	BK+JC Virus Real Time PCR Detection Kit 6x8-well strips, high profile
PCRB-96LP-BKC	BK+JC Virus Real Time PCR Detection Kit 12 strips, Low profile
PCRB-96HP-BKC	BK+JC Virus Real Time PCR Detection Kit 12 strips, high profile
PCRB-TUBE-BKC	BK+JC Virus Real Time PCR Detection Kit, 4 tubes x 24 rxn

Thermal Cycling Protocol for DNA:



Step 1
Add 15 µl of rehydration buffer into each well



Step 2
Add 5 µl of DNA/ RNA sample / positive control / negative control



Step 3
Load the strips into the thermocycler and run the specified protocol



Step 4
Interpretate results

EASY PERFORMANCE:
Just add: 15µl of buffer 5µl of sample

Step	Temp	Time	Cycles
Initial denaturation	95 °C	2 min	1
Denaturation	95 °C	10 sec	45
Annealing/Extension (Data collection*)	**60 °C**	**50 sec**	

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