

# Pongo Antibiotic Resistance Panel A

qPCR Differentiation of 24 antibiotic resistance genes



**Multiplex**

24 Targets / 6 plex

**Optical Channels**

FAM, HEX, Cy5, and ROX

**Fast**

Approximately 60 minute testing time

The Pongo Antibiotic Resistance Panel A is designed for qualitative multiplex in vitro nucleic acid amplification to detect various antibiotic resistance genes found in bacteria. The panel is designed to be easily run on the same extracted sample as the pathogen detection panels for a simple one step process.

Positive controls and internal controls are included at approximately 10,000 copies/ $\mu$ L.

Optimized Amplification reagents available, see table below for suggested SKU.

For Research Use Only. Not intended for *in vitro* diagnostics. Not approved by the FDA.

## Made in America

Targets				
ACT	qnrA	KPC, bla-KPC	TEM	ErmB
ampC Gene	qnrS	OXA-48, bla-OXA	CTX-M Group 1	SUL1
Fox	vanA1 vanA2	VIM, bla-VIM	CTX-M Group 2	SUL2
mecA	vanB	IMP-7, bla-IMP	CTX-M Group 9	Tet (A)
qnrB	NDM-1	SHV	ErmA	

### Sample:

Human urine or swab sample

### Compatibility:

Bio-Rad CFX96/384, Opus Roche LightCycler 480 System ABI QuantStudio 3, 5, 6, 7, 12, and 7500 series

## Ordering

Product Name	SKU#	Reactions	Storage	Price
<b>Pongo Antibiotic Resistance Panel A with OneStep Amplification Kit</b>	<b>500003 &amp; 500022</b>	<b>48</b>	<b>-20°C</b>	<b>\$1,200.00</b>
Pongo Antibiotic Resistance Panel A	500003	48	-20°C	\$700.00
SeqOnce qPCR Multiplex Amplification Kit 2400	500022	288	-20°C	\$750.00