

Molecular ID of Carbapenem Resistance Genes



- ❑ Detection and differentiation of high risk patients based on the presence of bacterial genes associated with carbapenem resistance
- ❑ Suitable for gram-negative bacterial infections including Enterobacteriaceae, Acinetobacter baumannii, Pseudomonas aeruginosa
- ❑ Designed for testing of pure colonies and patient samples
- ❑ Testing of pure colonies does not require DNA extraction shortening sample-to-answer time
- ❑ Ready-to-use reagents
- ❑ Automatic analysis eliminates operator error
- ❑ Barcode traceability and LIMS compatibility
- ❑ Minimum hands-on time

Tandem-Plex™ CRE EU

Simultaneous detection of 13 families of carbapenem resistance genes from a single sample.

16 well	REF 21099	CE IVD
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PANEL TARGETS	
Resistance genes	
NDM (1-8)	GES
IMP (1, 4, 5-8, 10, 13, 14, 26, 29, 34, 40, 42)	SME
VIM (1-7, 11, 19, 36-40)	IMI
mrc-1	SIM
KPC	GIM
OXA-48 like (48, 162, 163, 181, 199, 204, 232, 244, 245, 247, 252, 370, 405, 438, 439, 484, 505, 515, 517, 538, 566, 567)	SPM FRI (1-4)

CONTROLS
Artificial sequence for internal control of amplification
Synthetic positive control*

* optional