



## Methicillin-resistant *Staphylococcus aureus* (MRSA) Panels

The ATCC Methicillin-resistant *Staphylococcus aureus* (MRSA) Panels consist of *S. aureus* strains confirmed to carry the *mecA* gene conferring resistance to methicillin. ATCC SCCmec Type MRSA Panel (ATCC® MP-2™) is comprised of organisms grouped by SCCmec type. ATCC Pulsed-Field Type MRSA Panel (ATCC® MP-3™) is comprised of organisms grouped by PFGE type – coming soon. These panels are useful for studying the genetic variation between MRSA SCCmec types, the *in vitro* evaluation of disinfectants and novel antibiotics, and establishing the performance characteristics of molecular-based assays.

ATCC® No.	<i>S. aureus</i> strain designation	SCCmec Type <sup>1</sup>	PFGE <sup>2</sup> Type	spa Type		<i>pvl</i> gene amplification	Geographic isolation	Isolation source	Isolation date
				Ridom	Kreiswirth				
<a href="#">BAA-44</a>	HPV107	Type I	Iberian	t051	YHFGFMBQBLO	Negative	Lisbon, Portugal	Hospital	Unknown
<a href="#">BAA-41</a>	NYBK2464	Type II	USA 100	t002	TJMBMDMGMK	Negative	New York, NY (USA) New York City, NY (USA)	Hospital	1994
<a href="#">33592</a>	1063	Type III	ST239	t037	WGKAOMQ	Negative		Blood - Hospital	Unknown
<a href="#">BAA-1683</a>	HFH-30364	Type IV	USA 400	t125	UJJJJFE	Positive	Detroit, MI (USA)	Human abscess - Hospital	2004
<a href="#">BAA-2094</a>	B8-31	Type V	WA-MRSA*	t123	A2AKBEKBKB	Negative	Western Australia	Clinical isolate	Unknown
<a href="#">BAA-42</a>	HDE288	Type VI	USA 800	t311	TJMBDMGMK	Negative	Lisbon, Portugal	Child - Hospital pulmonology ward	1996
<a href="#">BAA-2313</a>	M10/0148	Type XI	CC130	t373	ZMOMOKM	Negative	Dublin, Ireland	64-year-old female - Hospital	2010

<sup>1</sup>Information for SCCmec type XI was supplied by the depositor; ATCC screening is not sensitive for this SCCmec type. <sup>2</sup>PFGE typing was performed using the restriction enzyme *Sma*I; PFGE typing was confirmed by ATCC unless otherwise noted (\*depositor-supplied information).

ATCC® No.	<i>S. aureus</i> strain designation	SCCmec Type <sup>1</sup>	PFGE <sup>2</sup> Type	spa Type		<i>pvl</i> gene amplification	Geographic isolation	Isolation source	Isolation date
				Ridom	Kreiswirth				
<a href="#">BAA-1761</a>	GA201	Type II	USA 100	t002	TJMBMDMGMK	Negative	Unknown	Human subject	Unknown
<a href="#">BAA-1720</a>	MRSA252	Type II	USA 200	t018	WGKAKAOMQQQ	Negative	United Kingdom	Hospital acquired	Unknown
<a href="#">BAA-1717</a>	TCH1516	Type IV	USA 300	t622	YHGFMBLO	Positive	Texas (USA)	Adolescent patient with severe sepsis	Unknown
<a href="#">BAA-1707</a>	MW2 <sup>†</sup>	Type IV	USA 400	t125	UJJJJFE	Positive	North Dakota (USA)	Female patient	1998
<a href="#">BAA-1763</a>	GA229	Type IV	USA 500	t064	YHGCMQBLO	Negative	Unknown	Human subject	Unknown
<a href="#">BAA-1754</a>	00:50	Type IV	USA 600	t671	UAKBEMBKB	Negative	Unknown	Human subject	Unknown
<a href="#">BAA-1766</a>	8-03	Type V	USA 700	t148	UJGFMDMGGM	Negative	Wisconsin (USA)	Human subject	Unknown
<a href="#">BAA-1768</a>	27-05	Type IV	USA 800	t2882	TJMBMDMGDMGK	Negative	Hawaii (USA)	Wound	Unknown
<a href="#">BAA-1747</a>	94:1013	Type IV	USA 1000	t316	ZDMNKB	Positive	Vermont (USA)	Skin lesion	1993
<a href="#">BAA-1764</a>	7031	Type IV	USA 1100	t019	XKAKAOMQ	Positive	Alaska (USA)	Abscess	Unknown

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