

Prepared Media Plates for Microbiological Testing

Easy Plate™ SA (Medi•Ca SA) Inclusivity and Exclusivity

● *Staphylococcus aureus*

According to the research by DNP

Strain name	Source	Easy Plate SA (Medi • Ca SA)	Baired-Parker agar		Mannitol salt agar with egg yolk		
			Colony	Egg yolk reaction	Colony	Mannitol degradation	Egg yolk reaction
<i>Staphylococcus aureus</i>	ATCC 8095	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	ATCC 9144	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	ATCC 13565	+	+	—	+	+	—
<i>Staphylococcus aureus</i>	ATCC 25904	+	+	—	+	+	—
<i>Staphylococcus aureus</i>	ATCC 25923	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	ATCC 27664	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	ATCC 33862	+	+	—	+	+	—
<i>Staphylococcus aureus</i>	NBRC 12732	+	+	+	+	+	—
<i>Staphylococcus aureus</i>	NBRC 13276	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	NBRC 15035	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	NBRC 100910	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0075	+	+	—	+	+	—
<i>Staphylococcus aureus</i>	D0072	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0112	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0113	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0116	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0117	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0118	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0120	+	+	+	+	+	—
<i>Staphylococcus aureus</i>	D0121	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0124	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0125	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0130	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0131	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0133	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0134	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0135	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0138	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0151	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0152	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0153	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0154	+	+	+	+	+	+
<i>Staphylococcus aureus</i>	D0156	+	+	—	+	+	—

※ (+): Positive, (-): Negative

※ Please refer to the table below for positive/negative test results.

※ Numbers starting with D indicate strains that were isolated from foods by Dai Nippon Printing Co., Ltd.

※ These results are just examples and may vary depending on the condition of the strain, culture conditions, etc.

※ Obtain pure culture isolates and conduct coagulase test when in doubt.

Colony	Result
Blue colony	Positive (+)
Pink-Reddish purple colony	Negative (-)
Colorless colony	
No colony formation	

※ Incubation conditions

Easy Plate SA (Medi-Ca SA) :35±1°C, 24 hours

Baired-Parker agar and Mannitol salt agar with egg yolk :35±1°C, 48 hours

(Dilution solution: Butterfield phosphate buffer solution or phosphate buffered saline)

	Strain name	Source	Easy Plate SA (Medi • Ca SA)	Baired-Parker agar		Mannitol salt agar with egg yolk		
				Colony	Egg yolk reaction	Colony	Mannitol degradation	Egg yolk reaction
gram-positive bacteria	<i>Staphylococcus auricularis</i>	ATCC 33753	—	—	—	+	—	—
	<i>Staphylococcus capitis</i> subsp. <i>capitis</i>	ATCC 27840	—	+	—	+	+	—
	<i>Staphylococcus caprae</i>	ATCC 35538	—	+	+	+	+	—
	<i>Staphylococcus carnosus</i>	NBRC 109622	—	+	—	+	+	—
	<i>Staphylococcus carnosus</i>	D0086	—	+	—	+	+	—
	<i>Staphylococcus cohnii</i> subsp. <i>cohnii</i>	NBRC 109713	—	+	+	+	+	—
	<i>Staphylococcus epidermidis</i>	NBRC 12993	—	+	—	+	+	—
	<i>Staphylococcus epidermidis</i>	NBRC 100911	—	+	—	+	—	—
	<i>Staphylococcus gallinarum</i>	NBRC 109767	— (Light-Pink)	+	—	+	+	—
	<i>Staphylococcus sp.</i>	D0058	—	+	—	+	+	—
	<i>Staphylococcus haemolyticus</i>	NBRC 109768	—	+	—	—	—	—
	<i>Staphylococcus hominis</i>	ATCC 700586	—	+	—	+	—	—
	<i>Staphylococcus hyicus</i>	ATCC 11249	—	+	—	+	—	—
	<i>Staphylococcus intermedius</i>	ATCC 29663	+(Light-Purple)	+	—	+	+	—
	<i>Staphylococcus lentus</i> subsp. <i>lentus</i>	ATCC 29070	—	+	—	—	—	—
	<i>Staphylococcus saprophyticus</i> subsp. <i>saprophyticus</i>	NBRC 102446	—	+	—	+	+	—
	<i>Staphylococcus schleiferi</i> subsp. <i>schleiferi</i>	ATCC 43808	+(Blue)	+	+	+	—	—
	<i>Staphylococcus sciuri</i>	ATCC 29062	+(Light-Blue)	+	—	+	+	—
	<i>Staphylococcus simulans</i>	NBRC 109714	—	—	—	—	—	—
	<i>Staphylococcus warneri</i>	NBRC 109769	—	—	—	+	—	—
	<i>Staphylococcus xylosus</i>	NBRC 109770	—	+	—	+	+	—
	<i>Bacillus circulans</i>	NBRC 13626	—	+	—	+	+	—
	<i>Bacillus cereus</i>	NBRC 3836	—	—	—	—	—	—
	<i>Bacillus cereus</i>	NBRC 15305	—	—	—	+	—	—
	<i>Bacillus cereus</i>	NBRC 13494	— (Pink)	—	—	+	—	+
	<i>Bacillus cereus</i>	D0068	— (Pink)	—	—	+	—	+
	<i>Bacillus licheniformis</i>	NBRC 12200	— (Pink)	—	—	—	—	—
	<i>Bacillus subtilis</i>	NBRC 3134	—	—	—	+	+	—
	<i>Bacillus thuringiensis</i>	NBRC 3951	—	—	—	—	—	—
	<i>Bacillus pumilus</i>	NBRC 12092	—	+	—	—	—	—
	<i>Enterococcus faecalis</i>	NBRC 100481	—	+	—	+	+	—
	<i>Enterococcus faecalis</i>	ATCC 29212	—	+	—	+	—	—
	<i>Enterococcus faecium</i>	NBRC 100486	—	+	—	—	—	—
	<i>Leuconostoc mesenteroides</i>	NBRC 3426	—	—	—	—	—	—
	<i>Macroccoccus caseolyticus</i>	ATCC 13548	—	+	—	+	—	—
	<i>Macroccoccus caseolyticus</i>	D0073	—	+	—	+	—	—
	<i>Microccoccus luteus</i>	NBRC 3333	—	—	—	—	—	—
gram-negative bacteria	<i>Aeromonas hydrophila</i>	NBRC 12658	—	—	—	—	—	—
	<i>Citrobacter freundii</i>	ATCC 8090	—	—	—	—	—	—
	<i>Enterobacter aerogenes</i>	NBRC 13534	—	+	—	—	—	—
	<i>Enterobacter cloacae</i>	NBRC 13535	—	—	—	—	—	—
	<i>Escherichia coli</i>	NBRC 3972	—	—	—	—	—	—
	<i>Escherichia coli</i>	NBRC 102203	—	—	—	—	—	—
	<i>Escherichia coli</i>	ATCC 25922	—	—	—	—	—	—
	<i>Klebsiella oxytoca</i>	NBRC 105695	—	—	—	—	—	—
	<i>Klebsiella pneumoniae</i>	ATCC 13883	—	—	—	—	—	—
	<i>Kluyvera cryocrescens</i>	NBRC 102467	—	—	—	—	—	—
	<i>Proteus mirabilis</i>	NBRC 105697	—	+	—	+	—	—
	<i>Pseudomonas aeruginosa</i>	NBRC 3899	—	—	—	—	—	—
	<i>Pseudomonas aeruginosa</i>	ATCC 9027	—	—	—	—	—	—
	<i>Salmonella enterica</i>	NBRC 105726	—	—	—	—	—	—
	<i>Serratia marcescens</i>	NBRC 102204	—	—	—	—	—	—

※ (+): Positive, (-): Negative, (): Colony color

※ *Staphylococcus intermedius*, *Staphylococcus schleiferi*, *Staphylococcus sciuri* can form blue colony.

※ Numbers starting with D indicate strains that were isolated from foods by Dai Nippon Printing Co., Ltd.