

6. LAMPIRAN

Lampiran 1. Tabel 6. Rangkuman Penelitian Mengenai Aktvitas Antimikroba oleh BAL pada Bakteri Patogen

No	Jenis BAL	Sumber Isolasi	Mikroorganisme Target	Masa Percobaan	Zona Inhibisi (mm)	Sumber Referensi
1	<i>Lactobacillus Plantarum B7</i> <i>Lactobacillus Rhamnosus D1</i>	Keju Minas Artinasal	<i>L Monocytogenesis</i>	12 jam	3.9	(Valente <i>et al.</i> , 2019)
					4	
2	<i>Lactobacillus Plantarum NF4</i>	cuka jeruk keprok	<i>Escherichia Coli</i> <i>S. Aureus</i> <i>Salmonella</i> <i>Typhimurium</i>	48 Jam	>2.1	(Sui <i>et al.</i> , 2021)
					1.1 - 2	
					1.1 - 2	
3	<i>Lactobacillus Plantarum EM</i>	Kimchi	<i>Staphylococcus aureus</i> <i>E. coli</i> <i>S. Typhi</i> <i>Pseudomonas aeruginosa</i>	24 Jam	-	(Choi & Chang, 2015)
					-	
					-	
					-	
					-	

Lampiran 2. Tabel 7. Rangkuman Penelitian Aktivitas Antimikroba oleh BAL dengan Menggunakan Vegetable Juice pada Bakteri Patogen

No	Jenis BAL	Jenis <i>Vegetables Juice</i>	Mikroorganisme Target	Masa Percobaan	pH	Zona Inhibisi (mm)	Sumber Referensi
1	<i>Lactobacillus Plantarum FL75</i> <i>Leuconostoc Mesenteroides FL14</i>	Jus Tomat	<i>Listeria Spp</i> <i>Salmonella Spp</i>	24 Jam	-	-	(Bah <i>et al.</i> , 2019)
2	<i>Lactobacillus Rhamnosus LOCK900</i>	Jus Wortel	<i>S. Aureus</i>	48 jam	5.8 - 4.2	-	(Trzaskowska & Gasentzer, 2016)

Lampiran 3. Tabel 8. Rangkuman Penelitian Perubahan Aktivitas Antioksidan pada Vegetables Juice dengan Menggunakan *Strain BAL*

No	Jenis BAL	Jenis Vegetables Juice	Sampel Spesifik (ml)	Perubahan DPPH (%)	Perubahan FRAP (uM)	perubahan TPC	Sumber Referensi
1	<i>Lactobacillus Plantarum</i>	Jus Tomat	1.5 ml	20.48% -	235.67 -	166.05 ± 9.25 - 170.04 ±	(Liu <i>et al.</i> , 2018)
				28.57%	280.27(uM)	6.06 (ug GAE/mL)	
				20.48% -	235.67 -	166.05 ± 2.12 - 195.55 ±	
2	<i>Lactobacillus Plantarum WZ-01</i>	Jus Wortel	2 ml	27.02%	305.02 (uM)	1.59 (ug GAE/mL)	(Zhang <i>et al.</i> , 2019)
				76.2% -	-	-	
3	<i>Lactobacillus Plantarum NCU 116</i>	Jus Kubis	-	-	-	-	(Gao <i>et al.</i> , 2019)
4	<i>Lactobacillus casei MTCC 1423</i>	Jus Wortel	10 ml	76.3 % -	-	776 -498 (mg GAE/L)	((Malik <i>et al.</i> , 2019))
				86.2%	-	776 - 392 (mg GAE/L)	
				-	-	776 - 418 (mg GAE/L)	

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