

BAB 5

KESIMPULAN DAN SARAN

5.1 Kesimpulan

1. Kiwi (*Actinidia deliciosa*) mempunyai aktivitas antibakteri terhadap bakteri Gram positif dan Gram negatif berdasarkan hasil kajian pustaka. Buah kiwi menunjukkan aktivitas terhadap bakteri Gram positif: *Bacillus cereus* dan *Listeria monocytogenes*, serta Gram negatif: *Enterobacter cloacae* dan *Escherichia coli*. Bagian kulit buah memiliki aktivitas terhadap Gram positif: *Bacillus subtilis*, *Staphylococcus aureus*, *Bacillus cereus*, *Listeria monocytogenes*, *Streptococcus pyogenes*, *Streptococcus faecalis*, *Staphylococcus aureus* MRSA, *Clostridium estertheticum*, *Brochothrix thermosphacta*, dan terhadap Gram negatif: *Escherichia coli*, *Pseudomonas aeruginosa*, *Enterobacter cloacae*, *Salmonella* spp., *Klebsiella* sp., *Salmonella typhimurium*, *Salmonella enteritidis*, *Shewanella putrefaciens* dan *Photobacterium phosphoreum*.
2. Metabolit sekunder pada buah kiwi (*Actinidia deliciosa*) yaitu fenolik, flavonoid, tanin, alkaloid, steroid, triterpenoid, dan glikosida. Kulit buahnya terdapat fenolik, flavonoid dan tanin. Sedangkan daun kiwi mengandung flavonoid.

5.2 Saran

Penelitian selanjutnya dapat dilakukan uji aktivitas antibakteri daun kiwi (*Actinidia deliciosa*) terhadap bakteri Gram positif dan Gram negatif dimana bagian daun memiliki kandungan metabolit sekunder yang berpotensi sebagai antibakteri.

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