BAB V
KESIMPULAN DAN SARAN

5.1 KESIMPULAN

a. Fungi endofit dapat diisolasi dari daun tanaman Bintaro (*Cerbera odollam*) dan diperoleh tiga fungi endofit dengan kode EB 1, EB 2 dan EB 3. Ketiga isolat fungi (EB 1, EB 2 dan EB 3) yang diperoleh dari proses isolasi dari daun tanaman Bintaro (*Cerbera odollam*) tidak memiliki aktivitas antibakteri terhadap *Eschericia coli* ATCC 8739 dan *Staphylococcus aureus* ATCC 6538.
b. Fungi endofit yang diperoleh diduga dari genus Fusarium (EB 1), genus Geotrichum (EB 2), dan genus Aspergillus (EB 3).

5.2 SARAN

Berdasarkan hasil penelitian yang telah dilakukan, maka beberapa saran adalah sebagai berikut:

a. Perlu dilakukan uji aktivitas antibakteri terhadap bakteri lain.
b. Perlu dilakukan skrining aktivitas lain yang ada pada fungi endofit misalnya dari enzimnya dan lain-lain.
c. Perlu dilakukan skrining fitokimia lebih lanjut untuk mengetahui berbagai macam kandungan dari fungi endofit dari daun tanaman Bintaro (*Cerbera* odollam) yang telah diisolasi.

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