

Screening for antimicrobial activity among local organisms in the Gulf of Maine

Cucumaria frondosa, *Fucus vesiculosus*, and *Haliclona occulata* specimens from the Gulf of Maine were collected and screened for antimicrobial activity. Extractions were prepared with 20 mL of 95% ethanol added to 10 grams of pulped tissue with 24 hours of elution time. Extractions were tested against *Bacillus cereus* and *Escherichia coli* cultures by using a modified Kirby-Bauer disk diffusion method. Extracts from *C. frondosa* and *F. vesiculosus* showed inhibitory effects on the growth of both *E. coli* and *B. cereus*, while the extracts from *H. occulata* did not show any inhibitory effects.

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