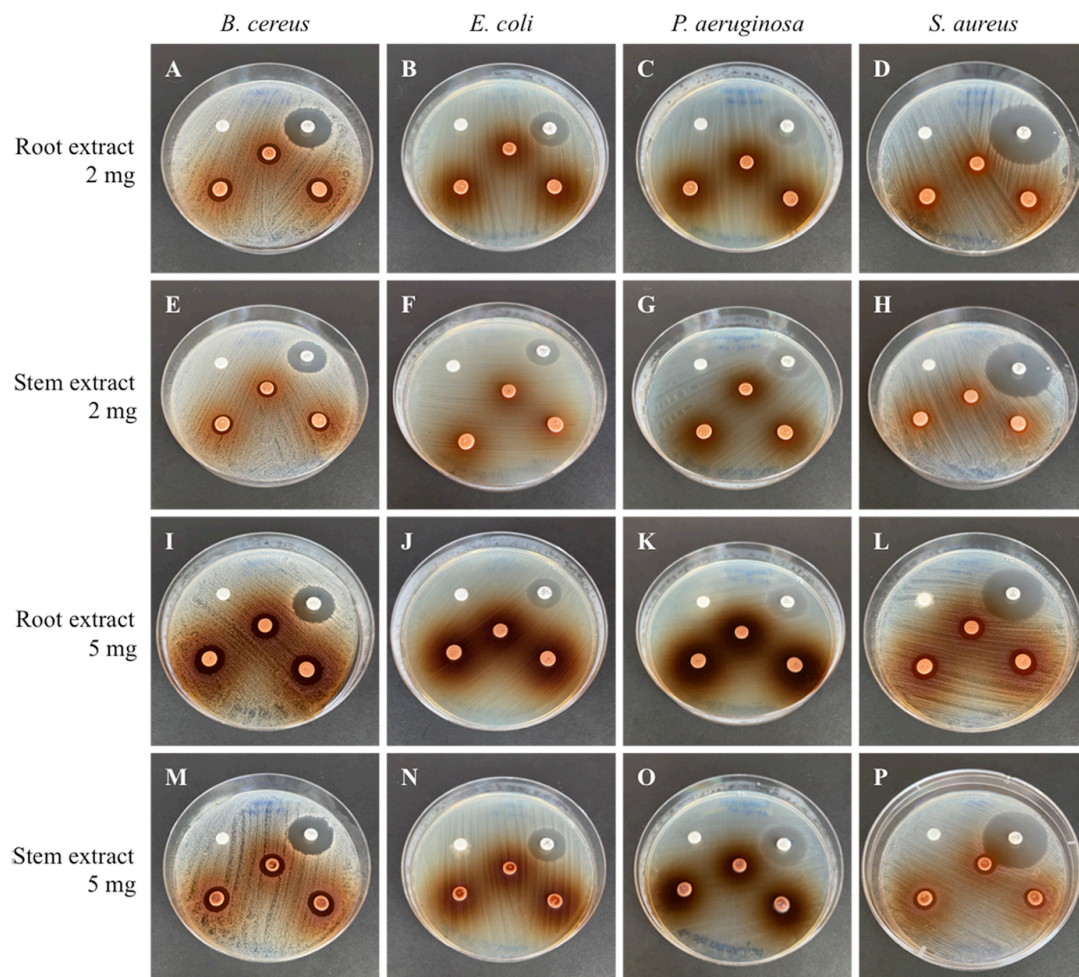




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2 Additional file 1. Disc diffusion assay of the root and stem extract against gut
 3 pathogenic bacteria strains. (A, B, C, and D) are 2 mg impregnated root extract
 4 against 4 bacteria. (E, F, G, and H) are 2 mg impregnated stem extract against 4
 5 bacteria. (I, J, K, and L) are 5 mg impregnated root extract against 4 bacteria. (M, N,
 6 O, and P) are 5 mg impregnated stem extract against 4 bacteria. DMSO impregnated
 7 discs were used as negative control while ampicillin (10 µg/disc), ceftriaxone (30
 8 µg/disc), chloramphenicol (30 µg/disc), and rifampicin (5 µg/disc) were as positive
 9 control for *Escherichia coli*, *Pseudomonas aeruginosa*, *Bacillus cereus*, and
 10 *Staphylococcus aureus*, respectively