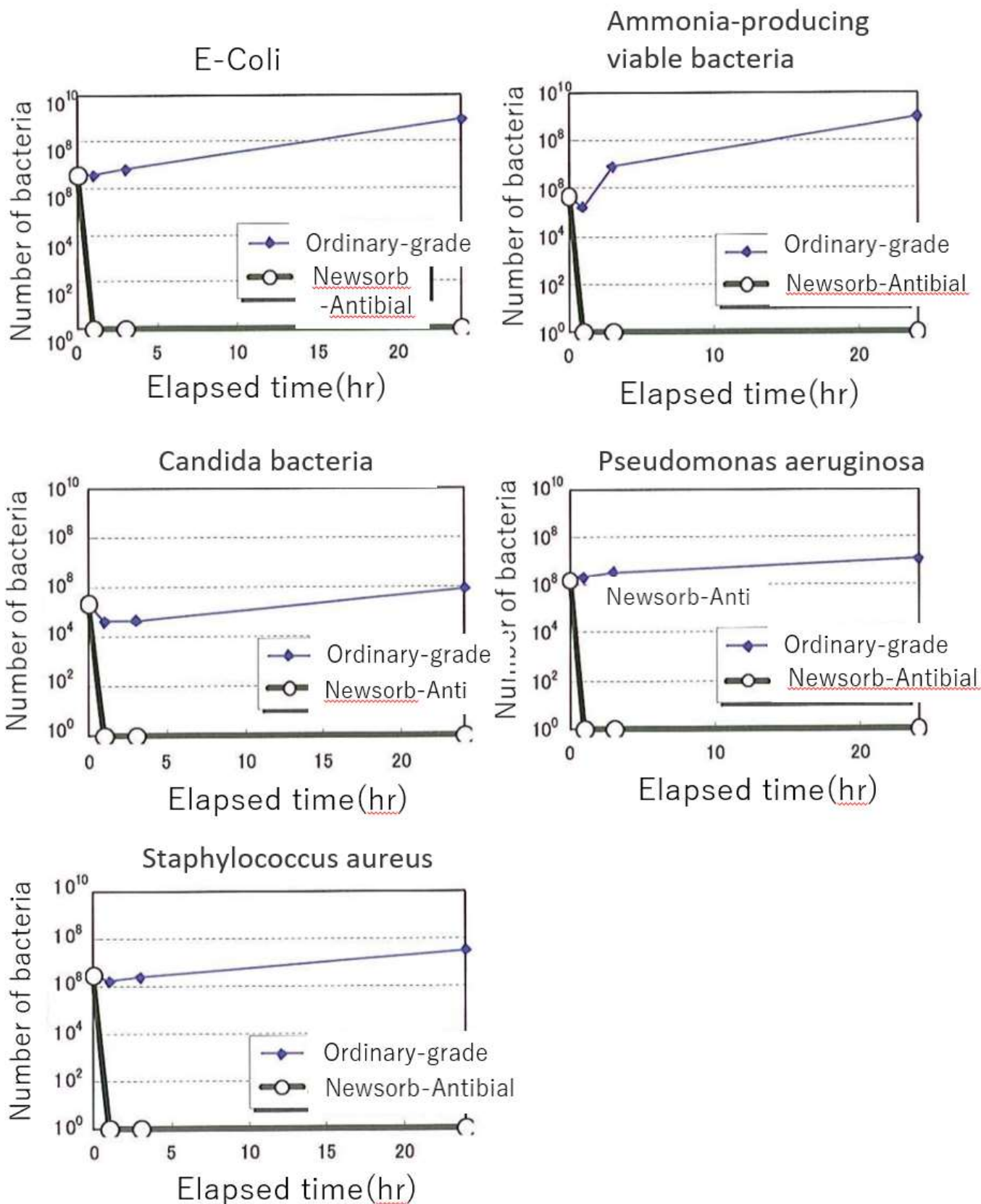


### Antibacterial test Results

The following figure shows the antibacterial effect for each bacterial species.

E. coli, ammonia-producing viable bacteria, Candida bacteria, Pseudomonas aeruginosa, and Staphylococcus aureus have excellent initial antibacterial effect (almost no viable cell count after the tested for 1 hour), and antibacterial maintenance effect (almost zero viable cell count even after 24 hours of testing).

Therefore, it is possible to suppress the occurrence of ammonia, hydrogen sulfide, etc., and to expect deodorizing effect.



### **[Measurement Method]**

Shaking culture method

- 1) put the medium 150ml in a triangular flask of 300ml, was heated and reduced bacteria.
- 2) 1 gram polymer was put uniformly.
- 3) to measure the number of bacteria by the planar culture method, each bacterium was inoculated into a medium, after the shaking medium with 37 °C,.