**Table S1. Number of total plate count (TPC) obtained from *H. itama* nest products**. The results of TPC was obtained from samples grown on nutrient agar and incubated at 37 °C.

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| --- | --- | --- | --- |
| Sampling location | Total plate count (cfu/g) ± SD | | |
| Propolis | Honey | Bee bread |
| Yayasan Al-Jenderami | 1.8 × 104 ± 5.8 × 104 | 8.0 × 103 ± 1.0 × 103 | 8.6 × 103 ± 5.8 × 103 |
| Ladang nangka PASFA | 9.0 × 103 ± 2.6 × 102 | ND | 5.0 × 102 ± 2.6 × 102 |
| Giant B Farm | 9.0 × 103 ± 2.0 × 103 | 6.3 × 102 ± 3.2 × 102 | 1.1 × 103 ± 5.8 × 103 |
| Ladang 10 UPM | 6.3 × 103 ± 5.5 × 102 | 7.0 × 102 ± 4.4 × 102 | ND |
| ND = No detectable growth. The one-way ANOVA test showed significant differences (p=0.041) between honey, bee bread and propolis from different locations. | | | |