CLAIMS

1. A microneedle coating composition comprising:

a Japanese encephalitis vaccine antigen;

a basic amino acid; and

an acid, wherein

a mole number of the acid for one mole of the basic amino acid is larger than 1/(N+1) and less than 2, where N represents a valence of the acid, and

wherein the acid is at least one acid selected from the group consisting of phosphoric acid, lactic acid, benzoic acid, maleic acid, citric acid, tartaric acid, succinic acid, ascorbic acid, and aspartic acid.

2. The microneedle coating composition according to claim 1, wherein the acid has a melting point of 40°C or more.

3. The microneedle coating composition according to claim 1 or 2, wherein the basic amino acid is arginine.

4. The microneedle coating composition according to any one of claims 1 to 3, comprising lysine or lysine hydrochloride.

5. A microneedle device comprising:

a microneedle; and

a coating layer formed from the microneedle coating composition according to any one of claims 1 to 4 on the microneedle.

6. The microneedle device according to claim 5, wherein

the coating layer is formed on a tip portion of the microneedle.