

Application Note

A-24

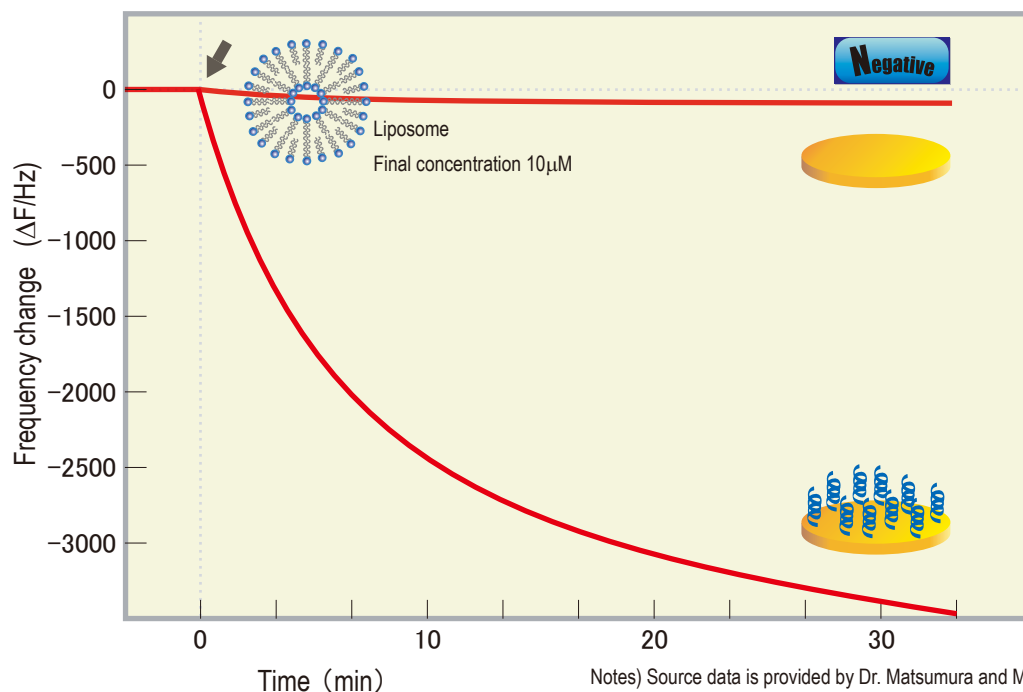
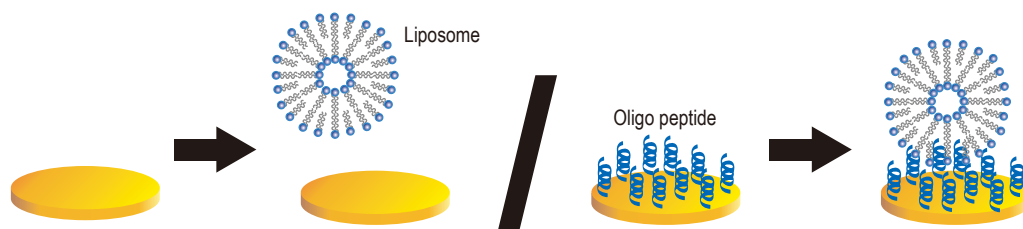
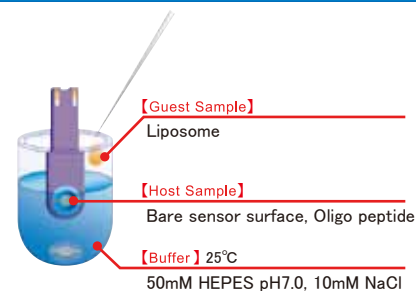
Adsorption of Liposome to Peptide

Materials

1. Liposome PC/PS/Chol (diameter: 100 nm)
*PC: Phosphatidylcholine
*PS: Phosphatidylserine
*Chol: Cholesterol
2. Oligo peptide

Results

1. Liposome weakly bound to bare sensor surface.
2. Liposome was easily bound to oligo peptide-modified sensor surface.



Notes) Source data is provided by Dr. Matsumura and Mr. Kasuya of the Engineering department of Shibaura Institute of Technology.

Applications

1. Binding evaluation of large macromolecules like liposome.
2. Affinity evaluation of cell membrane and surface of biomaterial.
3. Evaluation of adsorption and interaction between immobilized liposomes and other molecules.