

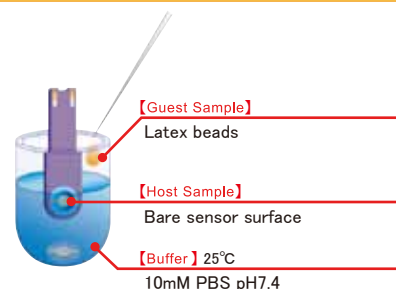
Application Note

B-07-S

Dependence on Particle size for adsorption of Latex beads

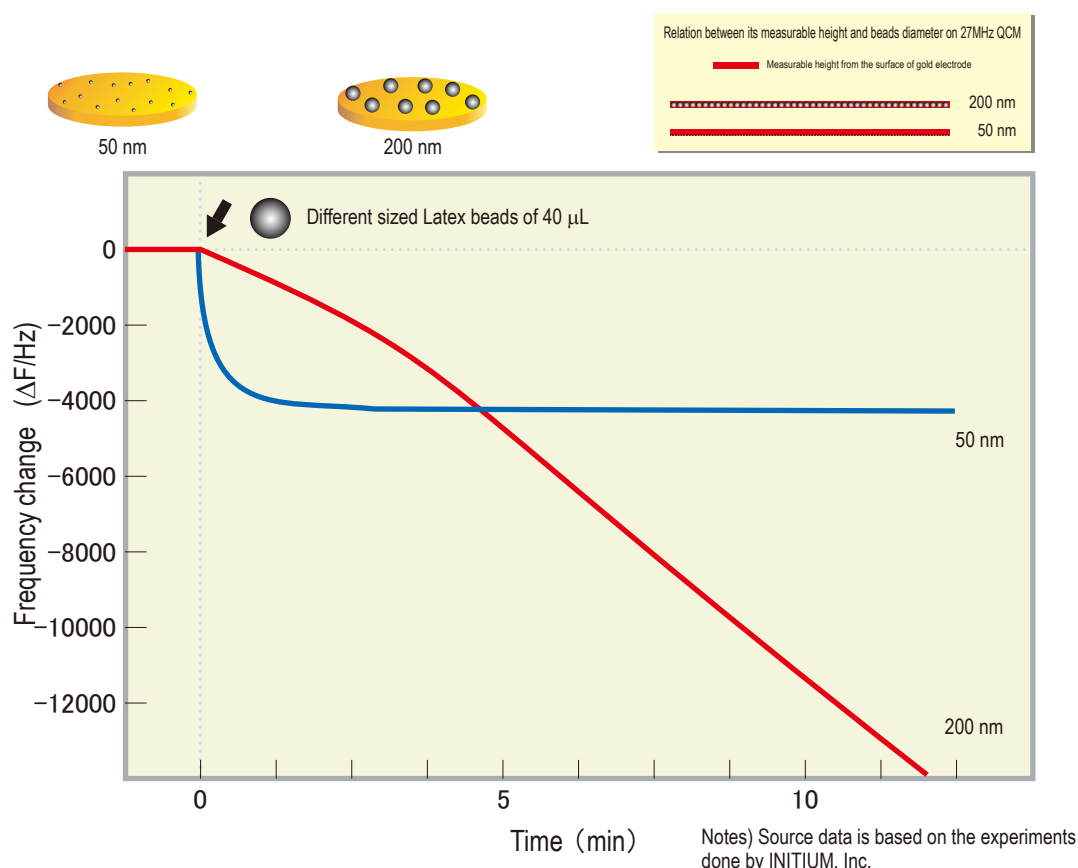
Materials

1. Latex beads
*Particle diameter: 50, 200 nm



Results

1. Adsorption of Latex beads onto sensor surface was observed.
2. Binding amount & binding rate depend on particle diameter.
3. Mass change amount of the measurement was equivalent to the theoretically calculated amount.



Applications

1. Detection of aggregation reaction of Latex beads at high sensitivity.
2. Activation evaluation and quality evaluation of aged and newly prepared beads.
3. Device evaluation by using beads sized up to 200 nm.