

Application Note

A-11

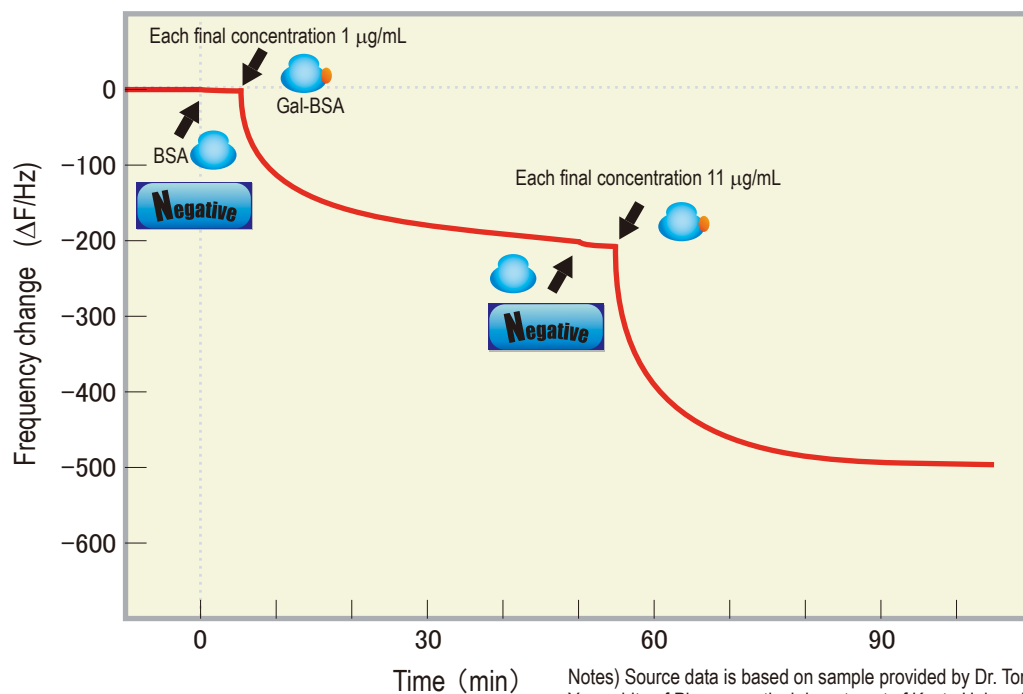
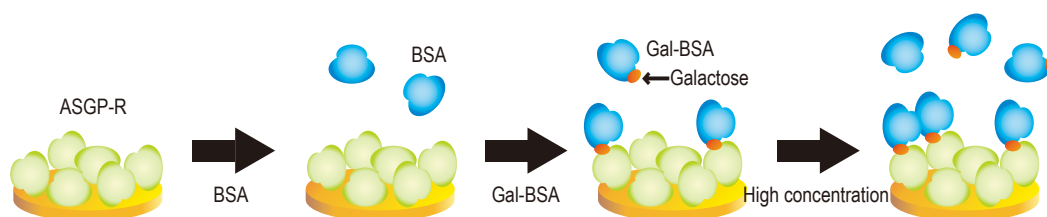
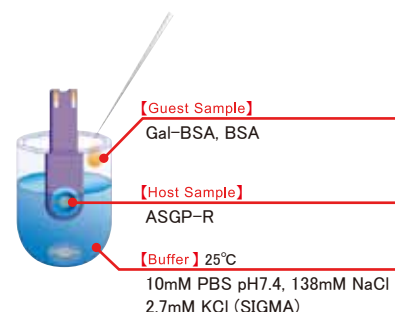
Binding of Protein-modified Simple sugar to Lectin

Materials

1. Asialoglyco protein receptor (ASGP-R)
2. Bovine Serum Albumin (BSA)
3. Galactose modified BSA (Gal-BSA)

Results

1. Non-specific binding of BSA on receptor was not observed.
2. Specific binding of Gal-BSA was observed.
3. Detection of simple sugar by using protein modification.



Applications

1. Interaction between sugar chain and Lectin.
2. Use of conjugate molecules for detection of small molecules.
3. Evaluation of hepatic cell through Asialoglyco protein receptor.