

Application Note

A-04

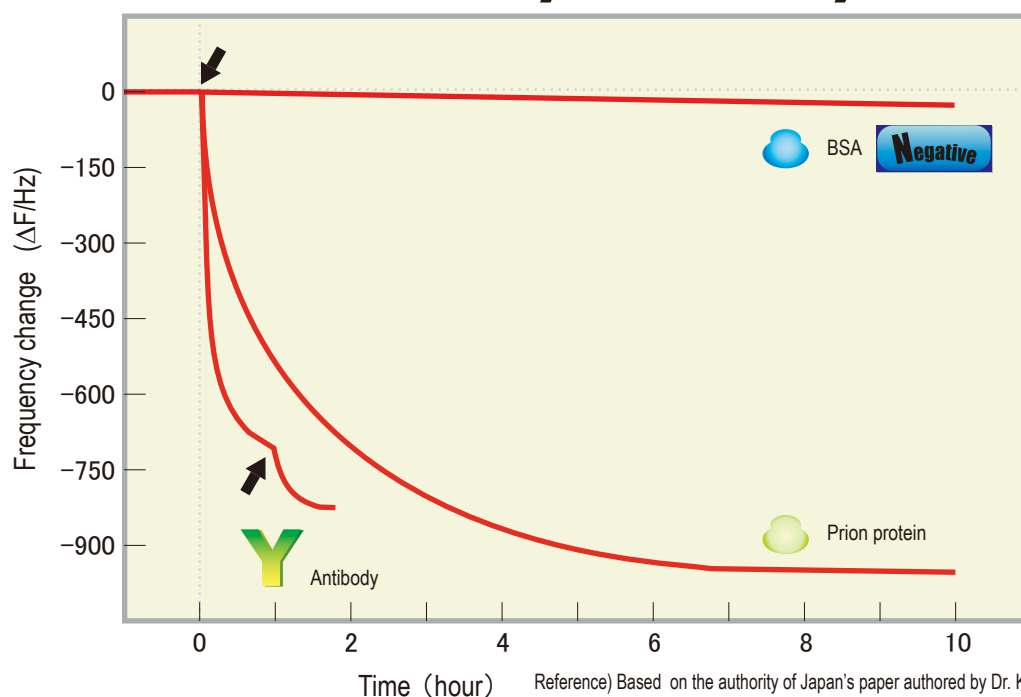
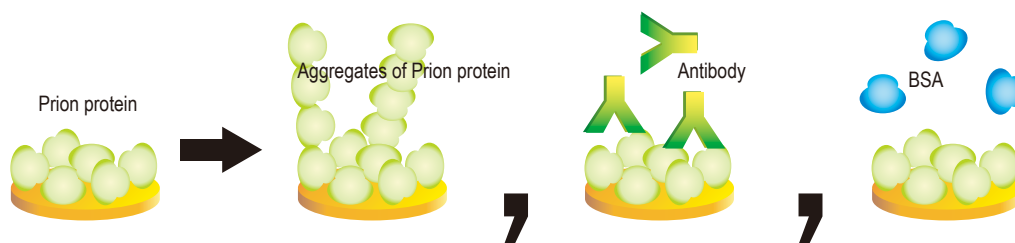
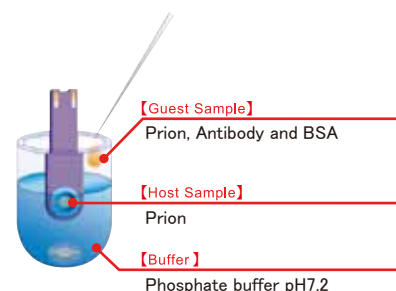
Self-aggregation of Prion Protein

Materials

1. Recombinant Prion Protein (Prion)
2. Anti Prion Protein Antibody (Antibody)
3. Bovine Serum Albumin (BSA)

Results

1. Self-aggregation reaction of Prion protein was observed.
2. Specific binding between Prion protein and Antibody was observed.
3. Self-aggregation reaction with BSA was not observed.



Reference) Based on the authority of Japan's paper authored by Dr. Katsumi Doura of the Medical department of Kyushu University. **Jikken Igaku*, 20, 5, 2266-2267 (2002)

Applications

1. Rapid mechanism analysis of Prion disease such as Mad cow disease and the Creutzfeldt-Jakob disease.
2. Analysis and detection of molecular interaction that takes long time is possible.
3. Inhibitor assay and mechanism analysis of drug and antibody to aggregation of prion protein.

Sales & Marketing Department **INITIUM, Inc. (ULVAC GROUP)**
2-3-1, Yaesu, Chuo-ku, Tokyo, 104-0028, Japan
Phone: +81-3-5218-8030 / E-mail: info@initium2000.com
<http://www.initium2000.com>

initium

Issued on October 1, 2007