

Application Note

A-15

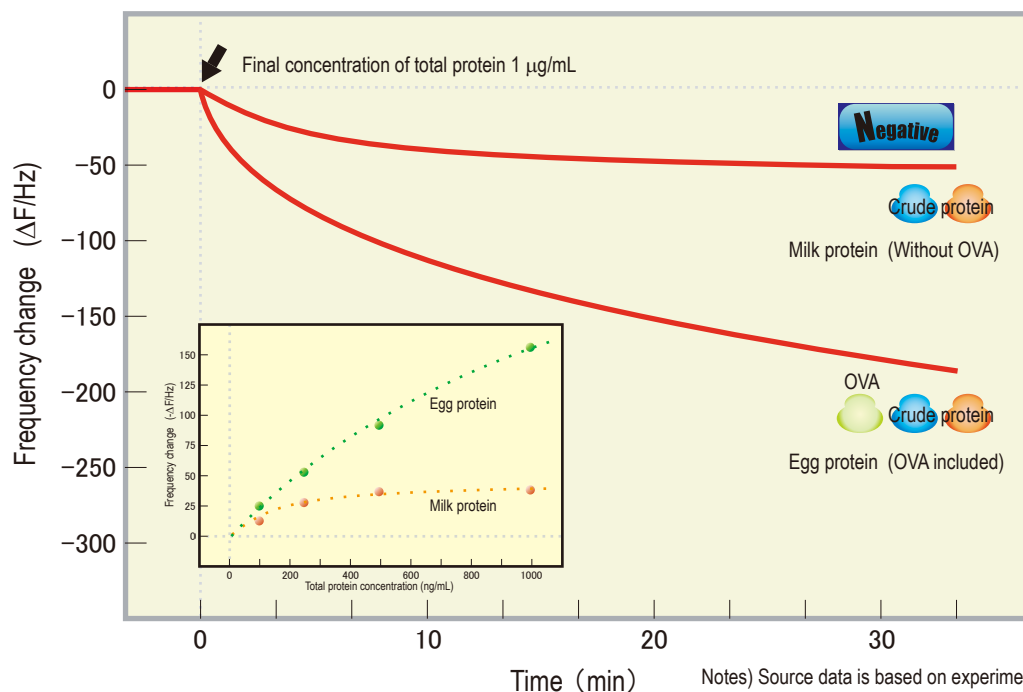
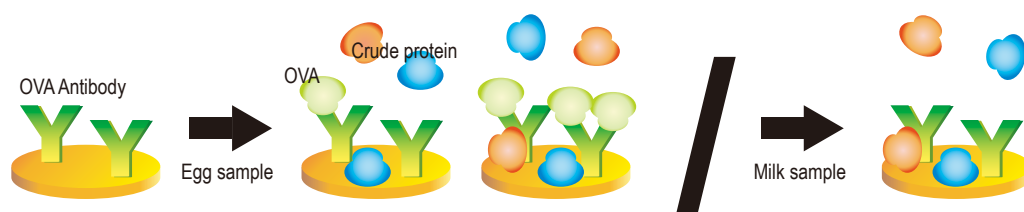
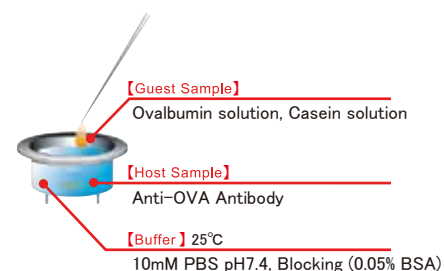
Detection of Allergen molecule from Foodstuffs

Materials

1. Protein Solution from egg (60% of Ovalbumin contained)
2. Anti-Ovalbumin Antibody (Anti-OVA Antibody)
3. Protein solution from milk (Ovalbumin is excluded)

Results

1. OVA Antigen was detected by Anti-OVA Antibody.
2. OVA was detected from crude sample solution.
3. Antigen from egg or milk was distinguished in sample solution with high concentration.



Notes) Source data is based on experiment done by the R&D department of ULVAC, Inc.

Applications

1. Specific detection of targeted protein from crude sample.
2. Detection of allergens from foodstuffs. (Specified material of 5 articles: eggs, milk, wheat, buckwheat, peanuts)
3. Detection & inspection of recombinant DNA foodstuffs from genetically modified plants.

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