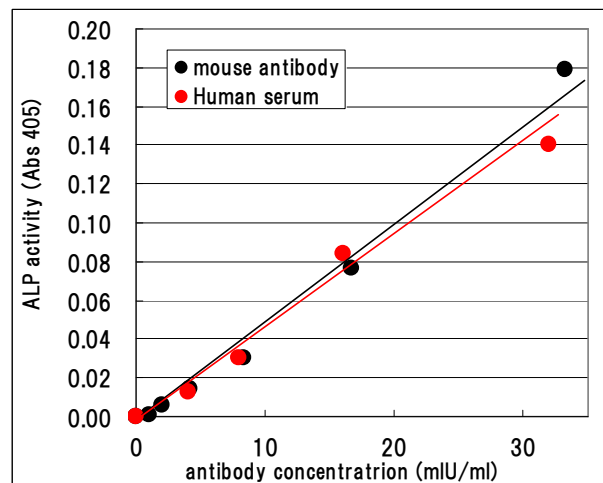


Highly sensitive and quantitative detection of anti-HBsAg antibody using BNC-XT

Method

- Coating microplate by BNC-XT
- Capture anti-HBsAg antibody of samples by the coated BNC-XT
- Detect anti-HBsAg antibody by ALP-labeled BNC-XT



Result

The ELISA system using BNC-XT can quantitatively detect either mouse anti-HBsAg antibody or human anti-HBsAg antibody (patient serum) with good linearity and sensitivity. The sensitivity was ca 2 mIU/ml which is about 5-fold higher than that recommended by WHO.