

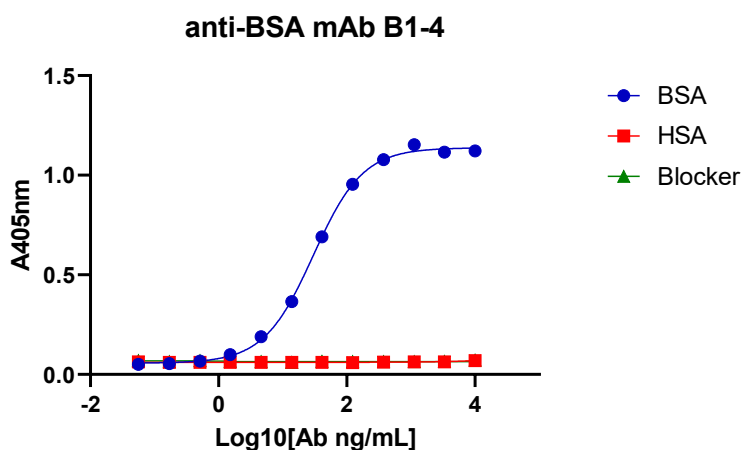
Application Note

Introduction

To set up a bovine serum albumin (BSA) ELISA assay, we need highly reactive mAbs that do not cross-react with Human serum albumin (HSA). Therefore, we conducted the ELISA assay to confirm the cross-reactivity between BSA and HSA.

Results

Anti-BSA mAb clone B1-4 (**PTX19358**) did not cross-react to HSA.



Method

Coated ELISA plate: 5ug/mL BSA, HSA and Blocker (Protein Free Blocking Buffer: Thermo) only.

Anti-BSA mAb clone B1-4 (**PTX19358**) diluted to 10 ug/mL then serial dilution /3ⁿ

2nd Ab: HRP-anti-mouse IgG Fc (JIR) X5,000 dilution

Detection: ABTS (Sera Care)

Conclusion

Anti-BSA mAb Clone B1-4 (**PTX19358**) reacted to BSA strongly (EC50=29.9 ng/mL) and did not cross-react to HSA.