



11175-A FLINTKOTE AVENUE, SAN DIEGO, CA 92121  
TELEPHONE (858) 642-1988 • FAX (858) 642-1989  
WWW.ATSBIO.COM • ATS@ATSBIO.COM

**Anti-Conjugated Glutathione  
RABBIT POLYCLONAL**

**Catalog Number:** AB-T01

**ELISA Protocol:**

1. Coat microtitration plates with 10  $\mu$ g of conjugated GSH-G-BSA per ml of carbonate buffer (pH 9.6). Agitate overnight at 4°C. Plate 200  $\mu$ l per well.
2. Block 1 hour at 37°C with PBS Tween buffer + 10% Glycerol + 1 g/L BSA.
3. Rinse 3 times with PBS Tween.
4. Primary Antibody: Dilute serum 1/10,000 in PBS Tween buffer + 10% Glycerol + 1 g/L of BSA + 1 g/L of BSA-G. Incubate 2 hours at 37°C.
5. Rinse 3 times with PBS Tween.
6. Secondary Antibody: Dilute peroxidase-conjugated anti-Rabbit IgG to 1/10,000 in PBS Tween buffer + 1 g/L of BSA. Incubate 1 hour at 37°C.
7. Rinse 3 times with PBS Tween.
8. Development: Add 20  $\mu$ l H<sub>2</sub>O<sub>2</sub> and 1 ml OPD 4% in 20 ml of citrate phosphate buffer. Plate 200  $\mu$ l per well. Put the well-plates in the dark for 10 minutes. Stop the reaction with 50  $\mu$ l HCl, 2N.
9. Read the optical density at 492 nm.

G = Glutaraldehyde, BSA = Bovine Serum Albumin, GSH = Glutathione