ADVANCED TARGETING SYSTEMS

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Anti-Conjugated Homovanillic Acid
RAT POLYCLONAL
AB-T098

ELISA protocol used to test conjugated Homovanillic acid:

1. Coating of conjugated Homovanillic acid (50µg/ml) in maxisorp well plates (Nunc) with a solution of sodium carbonate buffer 0.05M (pH 9.6), during sixteen hours at 4°C.
2. Saturation of well plates with of a solution of PBS (pH 7.3) containing 2 g/l of BSA (Acros) (one hour at 37°C).
3. Wash with PBS (two times).
4. Preabsorbed conjugated Homovanillic acid serum will be diluted (1/5,000-1/10,000) in PBS containing 2g/l BSA, 5% glycerol and 0.2g/l f of conjugated N.Acetyl-Cystéine (gemacbio), 200µl by well plate (incubating during 2 hours at 37°C).
5. Wash with PBS (three times).
6. 200µl of peroxidase-labeled goat anti-rat (Jackson) diluted (1/10,000) in a solution of PBS -Tween containing 5g/l BSA, will be applied by well plate (during one hour at 37°C) .
7. Well plates will be rinsed with PBS-Tween (three times).
8. And finally the peroxidase will be developed by incubating 200µl by well plate of a citrate 0.1M/phosphate 0.2M (pH 5) solution containing 0.4% of OPD (Sigma) and 0.03% of hydrogen peroxide (Acros) for ten minutes in the dark, after that, we will stop the reaction by the addition of 50µl of 2M HCl.
9. The optical density will be measured at 492nm.