

CHAPTER III

PRINCIPLE OF THE PROPOSED METHOD

The principle of the proposed method is as follows
(Fig. 6).

1. Coat polystyrene surface of microtiter plate with DNA Solution, and wash the excess DNA.
2. Coat nonspecific binding sites by adding diluted normal rabbit serum, and wash the excess.
3. Unknown serum thought to have anti-DNA antibody is added, wash the excess serum.
4. Enzyme-antiimmunoglobulin G conjugate is then added, wash the excess.
5. The substrate is added to develop color of the product.
6. The end point titer of diluted serum that developed color is read.

Fig. 6 Diagram showing principle of the proposed method.

