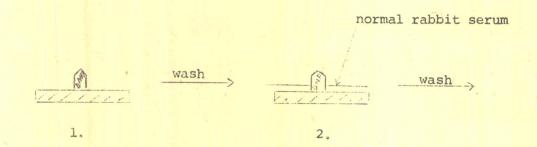
CHAPTER III

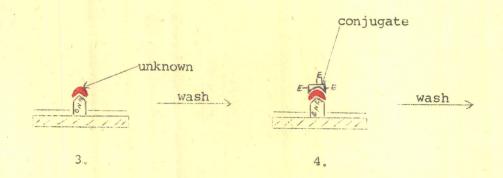
PRINCIPLE OF THE PROPOSED METHOD

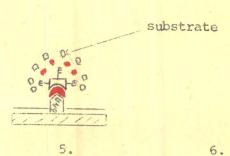
The principle of the proposed method is as follows (Fig. 6).

- 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-antiimmunoblobulin 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.







6. Read at the end point