

: MAJOR
KEY WORD: COST-BENEFIT ANALYSIS/HIV-ANTIBODY SCREENING/HIV-ANTIGEN
SCREENING

CHINDA TUNGRAUMCHUB : COST-BENEFIT ANALYSIS OF BLOOD DONOR
SCREENING TO DETECT HIV-ANTIGEN AND HIV-ANTIBODY COMPARE WITH
DETECTION OF HIV-ANTIBODY ALONE IN NATIONAL BLOOD CENTER, THAI
RED CROSS SOCIETY. THESIS ADVISOR : ASSO. VORAVIT TATTAKORN,
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This study was descriptive studies to assess the incremental net benefit of the screening test to detect HIV-antigen and HIV-antibody, compared with HIV-antibody alone among blood donors at National Blood Center, Thai Red Cross Society. The incremental net benefit of the screening test to detect HIV-antigen and HIV-antibody was negative (B-16,759,291). However, when we considered the chance which the donated blood could produced other blood components, the incremental net benefit of this screening test was positive (B 1,780,329). The result from this study can provide the important information for planners and policy makers in decision making about policy of screening tests among blood donors in the future.