

Thesis Title	INCIDENCE OF LEWIS ANTIGENS IN THE NORTHEASTERN PART OF THAILAND
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Abstract

The study of Lewis antigen was performed in 387 random samples collected in Khon Kaen province. Two - stage papain technique was used for Lewis cell typing and Lewis antibody identification. Lewis and ABH antigens in saliva were determined by haemagglutination - inhibition technique. It was found that the incidence of Le (a-b-) phenotype was 16.8% whereas those of Le (a+b-) and Le (a-b+) were 31.8 % and 51.4 %, respectively. In addition , the incidence of aberrant secretors was also high (13.4 %). Aberrant secretors of group A blood and group B blood demonstrated large amounts of A and B substances , respectively.