

The Detection of antibody titer in Thalassemia patients in Al-Najaf, Iraq

Adillbadi AL-Luhaiby

Department of Laboratory investigation, Faculty of Science, University of Kufa, Iraq

Abstract:The present study included **60** samples collected from patients suffering of thalassemia who attended to ThalassemiaCenter in Al-Zahraa hospital for birth and children in Al-Najaf governorate during the period from February to august-2014.

All Subjects employed in this study were selected to confirm the presence or absence of antibodies, both alloantibodies or autoantibodies include coomb's test in case of Positive DAT(direct anti globin test) and, IDAT(In direct anti globin test) for antibodies detection. Samples of blood were treated to tests of blood bank procedure for observed of antibodies.

The study discovered infect in 32 male (53.3%) with was in28 female as (46.4) and 14 patients had autoantibodies as (23.3%) while patients have alloantibodies 24(40%).

the goal of this research was to limit the prevalence of R.B.C autoantibodies and alloantibodies betweenfrequencytransfused thalassaemic patients and factors that contributed to its development.

Keywords : Autoantibodies , epitopes , DAT, EDTA, Alloantibodies

AdilIbadi AL-Luhaiby /International Journal of ChemTech Research, 2017,10(1): 465-469.
