

ANTIBODIES, BIO THERAPEUTICS & B2B & GENETIC AND PROTEIN ENGINEERING

November 08-09, 2017 | Las Vegas, USA

The presence of *HLA-DRB1* alleles in children with juvenile rheumatoid arthritis in Tabriz year 2016

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Babies idiopathic arthritis, the most common rheumatic disease in newborns and in different geographical areas based on the criteria, the prevalence is different. *HLA-DRB1* alleles in this project in Tabriz children with juvenile rheumatoid arthritis oligular ticular 57 were evaluated. Peripheral blood samples from 57 children with rheumatoid arthritis and 100 healthy people as a control group oligular ticular young people, the preparation and the presence of *HLA-DRB1* alleles were compared. The evaluation of the HLA with SSP-PCR techniques were used for this study; as well as in those patients with the *HLA-DRB1* subtypes nucleotide sequence of exon two were determined. Most symptoms of JRA disease in *HLA-DRB1**08 allele was found. In terms of frequency, allele *HLA-DRB1**11 was the most frequent allele in patients who showed a significant difference with the control group.

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