

**HLA- A2 (A\*02), DISEASE  
ASSOCIATION, WHOLE**

**BLOOD**  
(SSOP-Luminex)

Positive /  
Negative

**Comment**

In the elderly, the most common cause of dementia is Alzheimer's disease , which is responsible for the age-related progressive neurodegenerative inflammatory condition. It has been seen that several genetic and environmental factors are involved in the onset of the disease. Many studies confirm a positive role of HLA-A2 allele as a risk factor in the development of Alzheimer's disease. HLA-A2 antigen may also be associated with a higher susceptibility of developing Chronic lung disease in newborns.