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Autism is a neurodevelopmental disorder, characterized by difficulties and limitations in social interaction, communication and repetitive behaviors .

Recently, scientists from the University of Texas Southwest Medical Center showed that measuring protein levels, namely thyroid stimulating hormone (TSH) and interleukin-8 (IL-8) will change from 74 % to 76% chance of getting this common disease.



The researchers said that before these two proteins were identified with latent biological markers in the blood, and it helped detect autism with diagnostic accuracy that could increase by 82% especially in children. male.

In this study, the team investigated 30 boys with ASD and 30 boys developing the disease 2-8 years old.

Results showed significantly lower TSH levels in boys with ASD, while levels of IL-8 increased significantly, suggesting that TSH levels may be useful for assessing the phenotypes of specific ASD diseases.

The researchers say these data show information about hormonal status and inflammation at the same time, providing a more accurate diagnosis of ASD.

Dwight C. German from Texas University said: "*Autism is a heterogeneous disorder, and if we can identify biological indicators for a whole group of autistic patients, it will be very useful. It is useful not only for early diagnosis but also for the development of therapy*".

This research has just been published in Neuro inflammatory Magazine.

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