

Biosensors And Nano Biosensors Are Growing In Popularity In The Autoimmune Disease Diagnosis Market

The Business Research Company's Global Autoimmune Disease Diagnosis Market Report 2020-30: Covid 19 Growth And Change

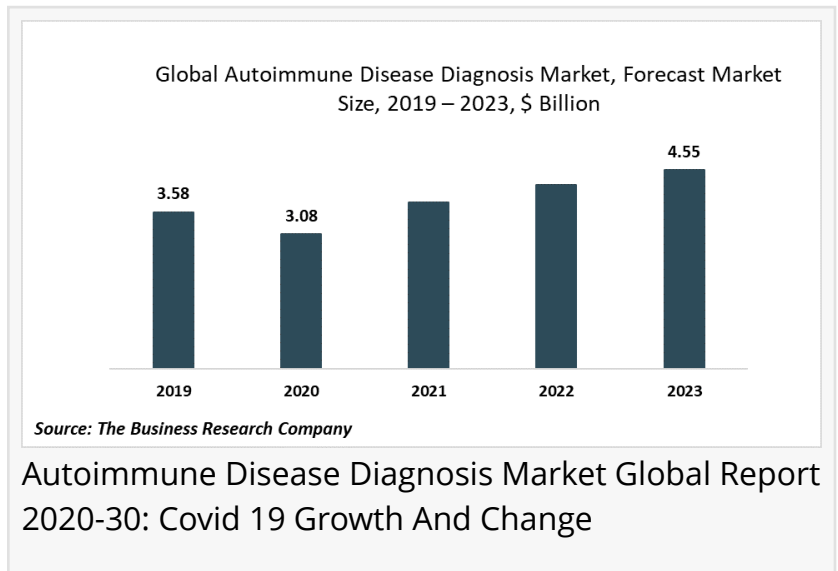
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According to autoimmune disease diagnosis market trends, biosensors and nano biosensors for rapid detection is a novel tool for the detection of antibodies in the autoimmune disease diagnosis market.

They are highly preferred because of low cost, high sensitivity, simple to use, multiplexing abilities and rapid diagnosis. Besides measuring the quantity of antibodies in human blood serum with extremely high sensitivity, it also quantifies the activity of antibodies as the assay employs portable optical label-free biosensors based on spectral correlation interferometry. This point of care technology gives a more integrated, informative, timely and precise diagnosis of autoimmune diseases when compared to the conventional ones.

The [global autoimmune disease diagnosis market size](#) is expected to decline from \$3.58 billion in 2019 to \$3.08 billion in 2020 at a compound annual growth rate (CAGR) of -13.99%. The decline is mainly due to the COVID-19 outbreak that has led to restrictive containment measures involving social distancing, remote working, and the closure of industries and other commercial activities. The entire supply chain has been disrupted, impacting the market negatively. The autoimmune disease diagnosis market is then expected to recover and reach \$4.55 billion in 2023 at a CAGR of 13.96%.

A high incidence of autoimmune diseases contributed to the growth of the autoimmune disease diagnosis industry. The percentage of the adult population diagnosed with autoimmune diseases in 2019 across countries was 7% in the US, 6% in Europe, 5% in China, 3% each in Brazil and Russia, and 2% in Japan. According to a report by Connect Immune Research published in



2018, the incidence of autoimmune diseases in the UK is increasing, which ranges between 3% and 9% year-on-year. Among these diseases, cases of different autoimmune conditions such as rheumatoid arthritis (7%), type 1 diabetes (6.3%), multiple sclerosis (3.7%), and coeliac disease (4.9%) are increasing every year. The number of people in the UK with at least one autoimmune condition is 4 million. Therefore, increasing incidence of autoimmune diseases across the globe is driving the autoimmune disease diagnosis market.

The market for autoimmune disease diagnosis consists of sales of diagnostic assay kits, reagents, consumables and instruments used for the diagnosis of autoimmune diseases. Autoimmune diseases are the diseases in which production of antibodies takes place in the body, which attacks and destroys healthy cells in the body. These include Crohn's disease, rheumatoid arthritis, Hashimoto's disease, multiple sclerosis, Grave's disease, psoriasis, coeliac disease, type 1 diabetes, lupus and inflammatory bowel syndrome. These conditions are diagnosed by immunological tests.

[The global autoimmune disease diagnosis market](#) is segmented by product into consumables & assay kits, and instruments. By test type, the market is segmented into routine laboratory tests, autoantibodies tests, immunologic tests, and other tests. By end user, it is segmented into clinical laboratories, hospitals, and other end users.

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