

Soluble Interleukin-2 Receptor As A Disease Indicator And A Method Of Assaying The Same

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Technology description

Summary

Soluble IL-2 receptor is produced in response to immune activation and by some malignant cells. For instance, elevated levels of IL-2 have been detected in patients with adult T-cell leukemia, Sezary syndrome, Hodgkin's disease, chronic lymphocytic leukemia, multiple myeloma, and solid tumors. The systemic level of IL-2 receptor is also relevant in the diagnosis and treatment of such diseases as rheumatoid arthritis and systemic lupus erythematosus and may be used to titrate immunosuppressive therapy in such applications as graft rejection. The invention disclosed in the patent is a sandwich immunoassay useful for determining the amount of IL-2 receptor in a sample. The invention also discloses a method of detecting such disturbed or abnormal conditions in humans which release soluble IL-2 receptor in bodily fluids.

Institution

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