Methods and Compositions Related to Acetylocholine Receptor Conjugates

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Description:
Disclosed are methods, compositions, and diagnostic kits for detecting acetylcholine receptor (AChR) autoreactive immune cells in a subject. The methods comprise detecting the binding of AChR-conjugate to peripheral blood AChR-specific B cells for diagnosing autoimmune disorders, including Myasthenia gravis (MG), systemic lupus erythematos (SLE), and rheumatoid arthritis (RA). More specifically, the detection is achieved by using flow cytometric assay with Alexa-conjugated AChR.

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