

Methods Mol Biol. 2013;1034:331-3. doi: 10.1007/978-1-62703-493-7_19.

The Detection of Antibodies to the Angiotensin II-Type 1 Receptor in Transplantation.

Dragun D.

Source

Clinic for Nephrology and Intensive Care Medicine, Charité-Campus Virchow-Klinikum, Berlin, Germany.

Abstract

The detection of auto-antibodies detection is a major aspect of patient's immunomonitoring. Antibodies directed against the heart and kidney Angiotensin II type 1 receptor (AT1R) play a major role in antibody mediated rejection after heart and kidney transplantation and in obliterative vasculopathy of autoimmune diseases. Here, a sandwich enzyme-linked immunosorbent assay (ELISA) is the reliable tool for the detection of auto-antibodies targeting AT1R.