The NC1 domain of type IV collagen purified from bovine kidney glomeruli constitutes AroTec's GBM antigen. As such it is comprised of α3(IV)α5(IV) NC1 subunits and is depleted of α1(IV) NC1 against which antibodies have been reported to exist in patients with a paraneoplastic syndrome. Bovine α3(IV) NC1 shares a high degree of amino acid sequence homology with its human counterpart, and its use in the detection of anti-GBM autoantibodies has been reported previously by several authors.

**References**


**NOTE:** No patented technology has been used by AROTEC during the preparation of this product.