

**FEATURED TECHNOLOGY:**

**Development of a Novel Bacterial Fc Receptor  
(Protein V)**

**INVENTOR (S):**

John W. Allen

**STATUS:**

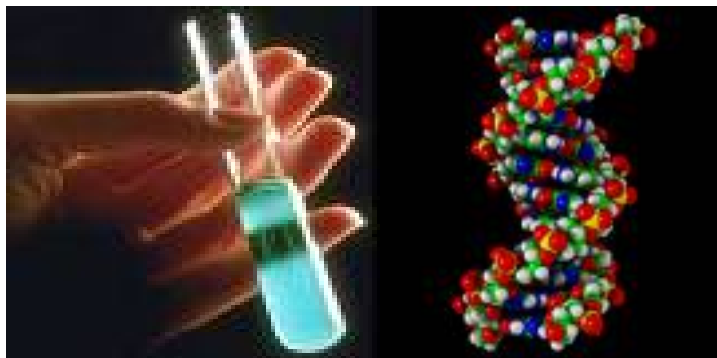
Patent No. 5,128,451

**TECHNOLOGY DESCRIPTION:**

Researchers at NC A&T State University have developed a novel protein called *Protein V*. Protein V has significant commercial potential as a research immuno-reagent, in part because it uniquely binds all four sub-classes of human immunoglobulin (IgG) as well as rabbit, swine, equine, bovine, sheep, mouse, and goat IgG. This binding occurs non-specifically. Protein V has been proven to be superior to current industry standards, Protein G and A.

**END USE/APPLICATIONS:**

Non-specific Immunoglobulin G Binding  
Medical diagnostics  
Immunochemistry



**MISSION:**

The Office of Outreach and Technology Transfer (OTT) connects industrial/commercial partners with NC A&T's expertise, new products and opportunities for development while providing technology-driven business and economic benefits to the regional and state economies. The OTT is entrusted with the university's Intellectual Property portfolio to build a pipeline of novel products and concepts with commercial value.

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