

**FEATURED TECHNOLOGY:**

**Recombinant Protein V**

**INVENTOR (S):**

John W. Allen

**STATUS:**

Patent Pending

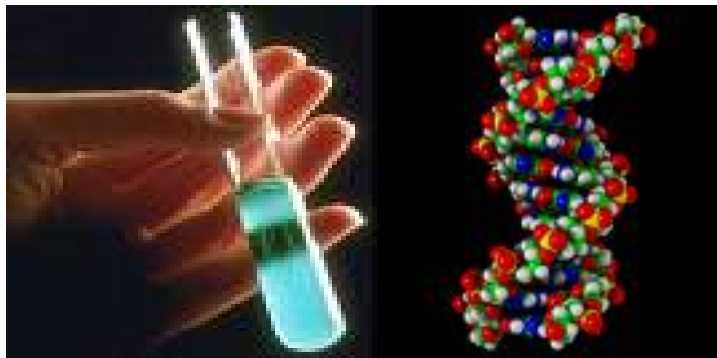
**TECHNOLOGY DESCRIPTION:**

Recombinant Protein V (RPV) is a bacterial cell wall protein that has unique and superior binding characteristics to any antibody-binding protein yet reported. The RPV discovery holds importance as a biological research immuno-reagent. RPV's superior binding capacity promises significant commercial importance.

RPV is a unique anti-body-binding protein that binds all four subclasses of human immunoglobulin with strong affinity. RPV is also a strong binder for other mammalian species including: rabbit, swine, horse, bovine, sheep, mouse, and goat. RPV is soluble in de-ionized water, can be boiled without loss of activity, and is stable for years at -20°C.

**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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