



CP4 EPSPS Test Kit
Second Generation

2nd Generation: CP4 EPSPS Test Kit

5-enolpyruvylshikimate-3-phosphate synthase (EPSPS) is a protein expressed in the CP4 strain of *Agrobacterium tumefaciens*. CP4 EPSPS is capable of neutralizing the effects of phytotoxic glyphosate, an active ingredient of herbicides most sold in the world. Therefore, expression of CP4 EPSPS grants the plant herbicidal resistance.



Appearance Improvement

First Generation

Additional Accessories



Dropper



Plastic Vial



Second Generation

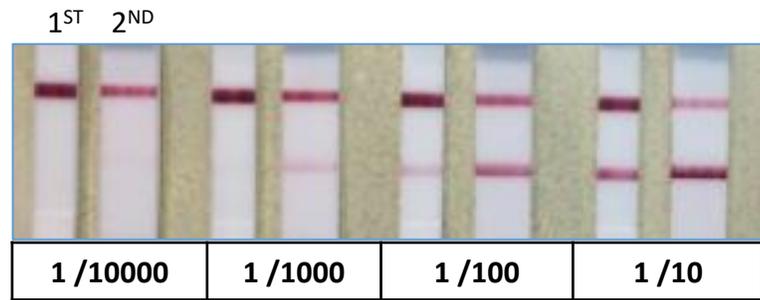


Performance Improvement

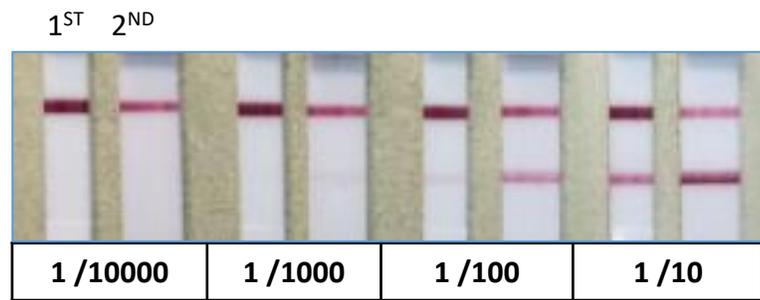


CP4 RR Soybean

Sensitivity

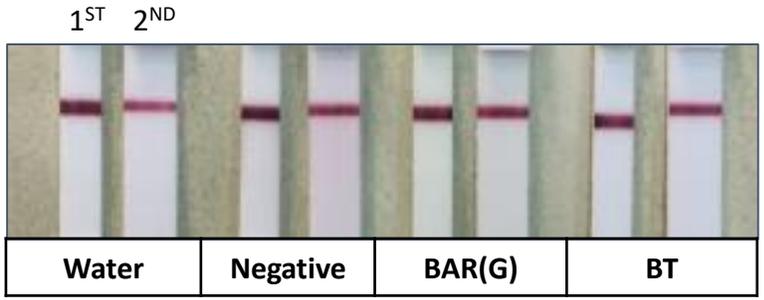


CP4 RR Corn



The sensitivity of 2nd generation was increased 10 folds.

Specificity



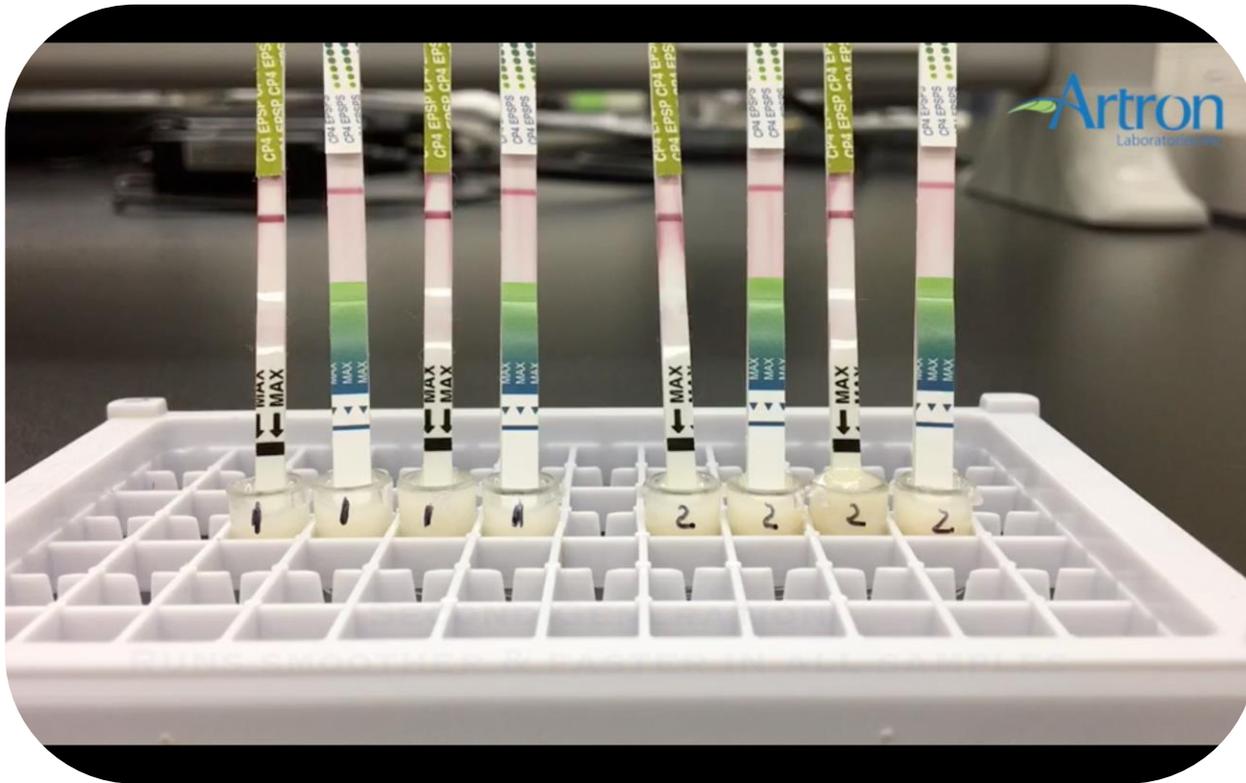
The specificity of 2nd generation was consistent with 1st generation.

Improvements:

- Wider & Longer Strip
- **New** Handle Tape & Max Tape



Speed Improvement



Faster flow speed

Smother flow rate in
viscous samples

Reaction interruption is
prohibited