

PCR Confirmation of Non-trait seeds/seedlings

SoDak Labs, will be offering a new service on seed lots failing an ELISA or herbicide bioassay trait purity test. The nontrait seeds or seedlings will have DNA extracted and amplified using PCR techniques to identify if the specific event DNA is present or absent. This event confirmation method will be an additional step to confirm the absence of the desired event.

SoDak Labs believes this testing will be primarily used when a seed lot fails to meet the minimum required trait level on production contracts or referee testing when seed is subjected to a brokered production contract. These results should be conclusive in the case of two different test results. Transgenic events SoDak can confirm with DNA testing are listed for reference. Events not listed may be detectable, please call for more information.

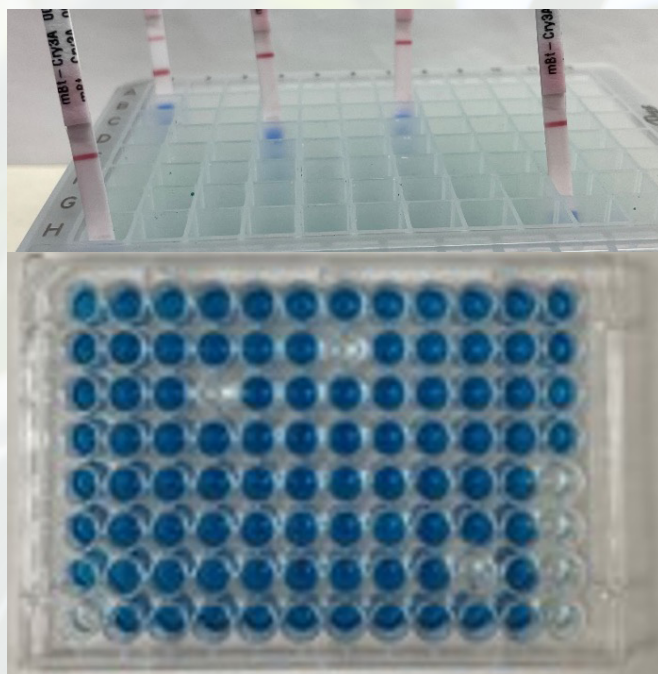


FIGURE 1. Failing ELISA Plate (86/90) with Lateral Flow Strip confirmation of negative wells.



FIGURE 2. Non Trait Corn on Glyphosate Herbicide Bioassay.

Maize GM Event

GA21 (MON-00021-9)

NK603 (MON-00603-6)

MON 87427 (MON-87427-7)

T25 (ACS-ZM003-2)

98140 (DP-098140-6)

DG-MON87460 (MON-87460-4)

DURA-5307 (SYN-05307-1)

CB-TC1507 (DAS-01507-1)

CB-Bt11 (SYN-BT011-1)

CB-MON89034 (MON-89034-3)

MIR162 (SYN-IR162-4)

RW-DAS591227 (DAS-59122-7)

RW-MIR604 (SYN-IR604-5)

RW-MON88017 (MON-88017-3)

RW-MON 87411 (MON-87411-9)

3272 (SYN-E3272-5)

Bt176 (SYN-EV176-9)

CB-MON810 (MON-00810-6)

RW-MON863 (MON-00863-5)

Soybean GM Event

40-3-2 (MON-04032-6)

MON 89788 (MON-89788-1)

MON 87705 (MON-87705-6)

MON 87708 (MON-87708-9)

A2704-12 (ACS-GM005-3)

A5547-127 (ACS-GM006-4)

SYHT0H2 (SYN-000H2-5)

DAS-81419-2 (DAS-81419-2)

FG72 (MST-FG072-2)

DAS-68416-4 (DAS-68416-4)

DAS-44406-6 (DAS-44406-6)

305423 (DP-305423-1)