



Plant

DIAGNOSTIC CENTER

Solving your plant health problems

Immunostrip Assay

Dr. Raj Singh
Assistant Professor, LSU AgCenter, Baton Rouge, LA

innovate . educate . improve lives

for the latest research-based information on just about anything, visit our Web site: www.lsuagcenter.com



Immuno Assay

- Immunological reaction
- Based on specificity of Antibody-Antigen interaction
- Trace the antigen or target protein in the sample
- Bacteria, fungi or viruses
- Detection method

Immuno Assay Components

- Antigen
 - Any substance that stimulates an immune response
- Antibody
 - Protein made in response to an antigen
 - Each antibody binds only to its antigen
- Enzyme conjugate
 - Antibody conjugated with an enzyme

innovate . educate . improve lives

for the latest research-based information on just about anything, visit our Web site: www.lsuagcenter.com



Immunostrip Assay

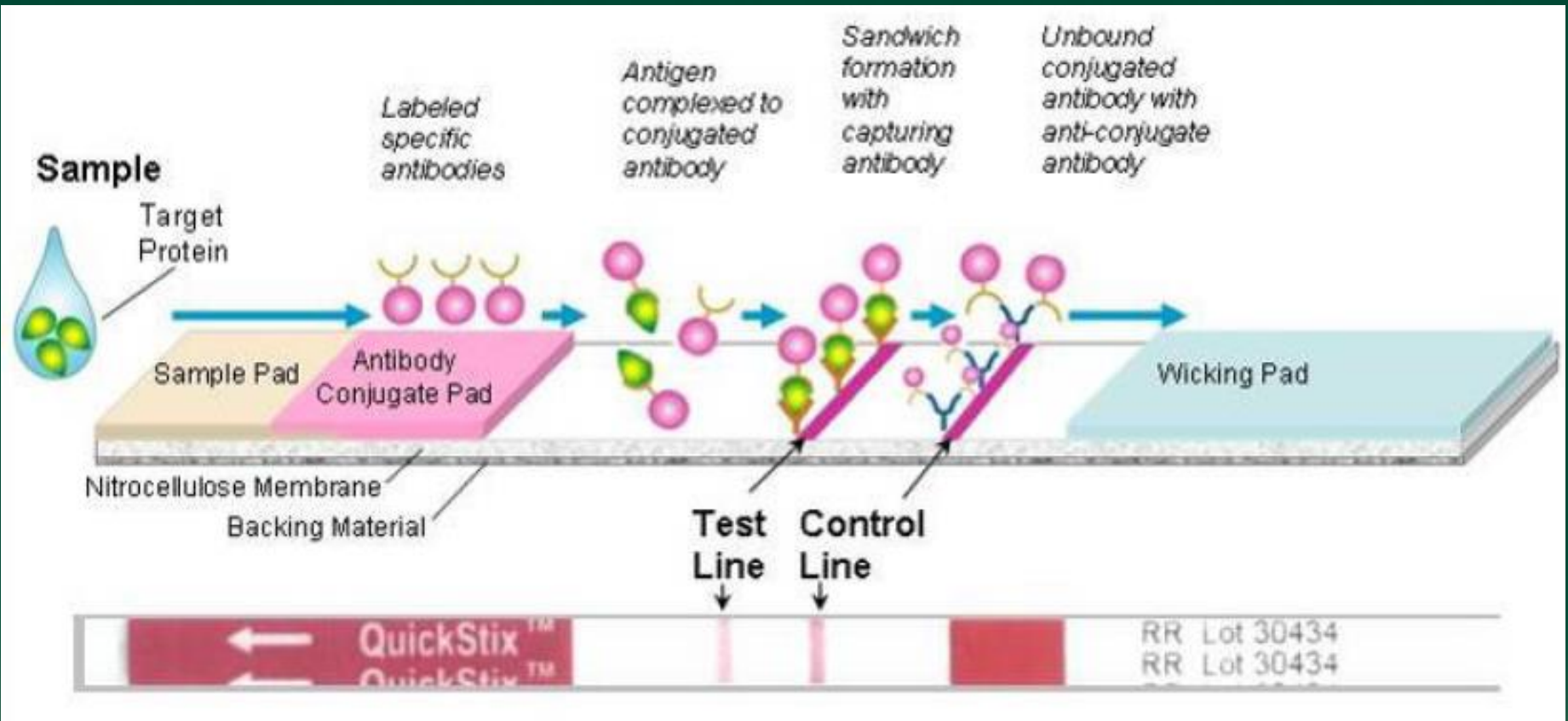
- Strips & extraction bags with buffer provided
- Fresh symptomatic tissue
- Requires only 0.15 g of the tissue per bag
- Simple & fast for preliminary detection
- Test time 3-5 minutes and can be used in the field

innovate . educate . improve lives

for the latest research-based information on just about anything, visit our Web site: www.lsuagcenter.com



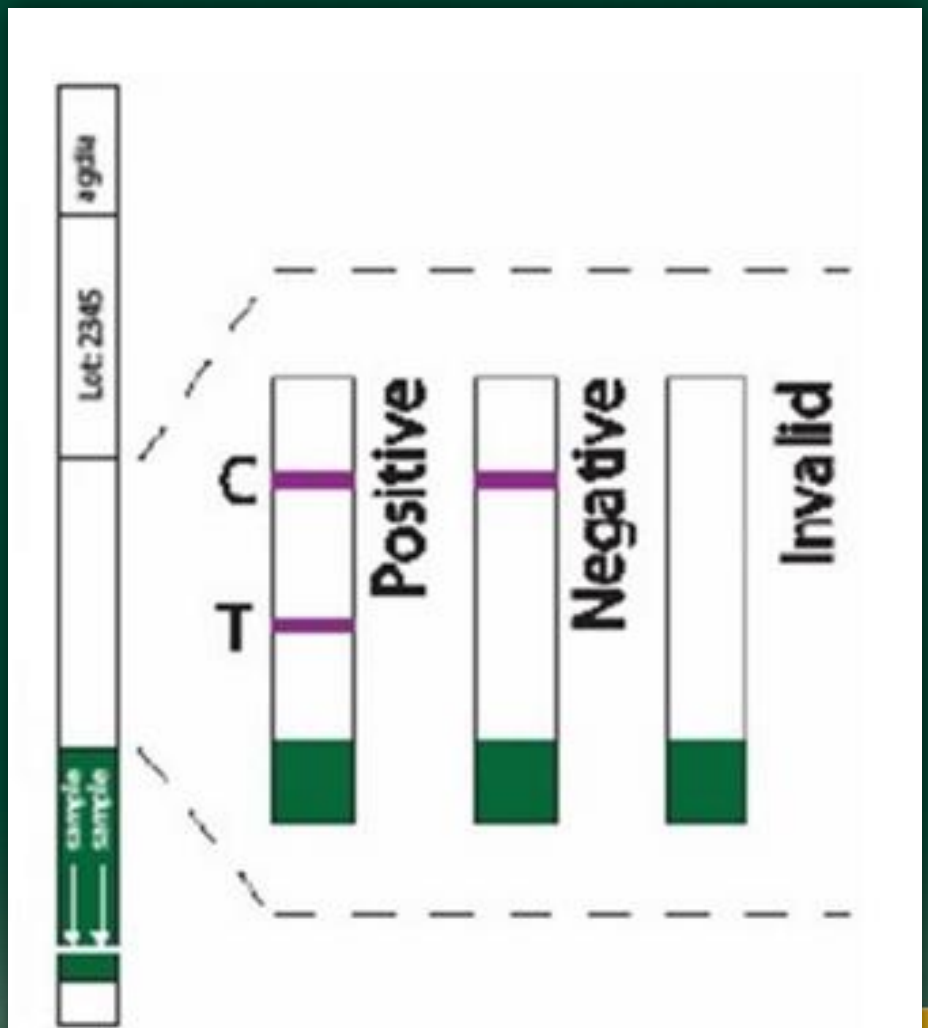
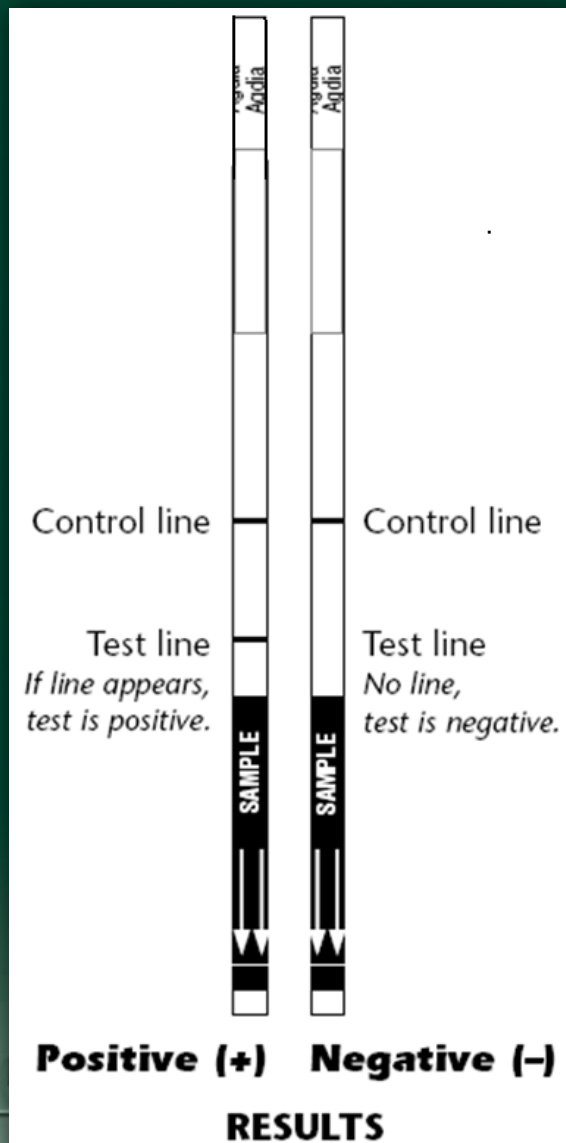
Immunostrip Assay



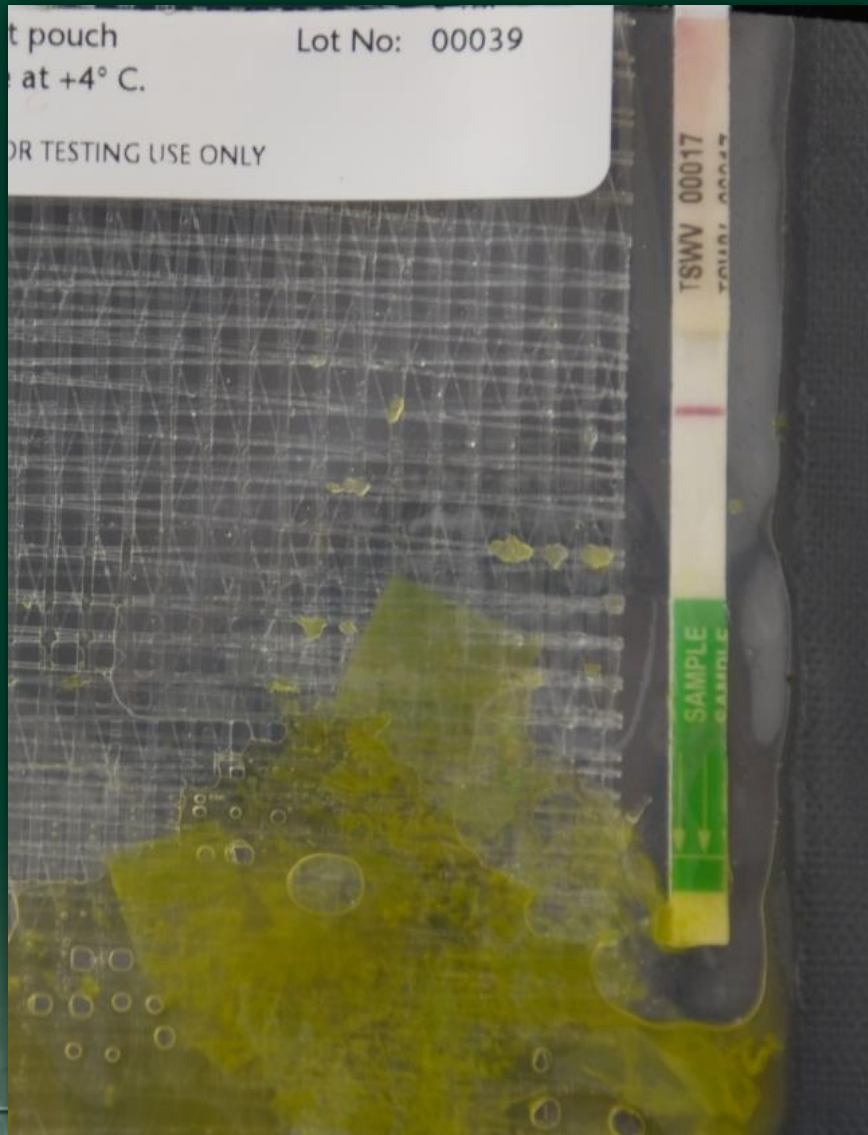
innovate . educate . improve lives

for the latest research-based information on just about anything, visit our Web site: www.lsuagcenter.com

Immuno-strip Assay



Immunostrip Assay





Plant

DIAGNOSTIC CENTER

Solving your plant health problems

Plant Diagnostic Center
302 Life Sciences Bldg.
LSU AgCenter
Baton Rouge, LA 70803
225-578-4562
Fax: 225-578-1415

www.lsuagcenter.com/PlantDiagnostics

www.lsuagcenter.com/plantdiagnostics

Cell: 225-747-2367

Office: 225-578-4562

rsingh@agcenter.lsu.edu

innovate . educate . improve lives

for the latest research-based information on just about anything, visit our Web site: www.lsuagcenter.com

