

Catalogo kit Enviroligix Quickstix per analisi di cotone GM

Gli EnviroLogix QuickStix sono strip a flusso laterale (Lateral Flow Device) che utilizzano il principio dei saggi immunoenzimatici di tipo sandwich, come i test ELISA, per rilevare le proteine tipicamente espresse negli OGM. Il funzionamento è simile a quello dei test di gravidanza: il campione viene aggiunto ad una estremità della strip e, per azione capillare, la percorre fino all'estremità opposta. Mentre il flusso attraversa la membrana, il campione incontra anticorpi specifici per le proteine target. Se presenti, le proteine target determinano lo sviluppo di una banda colorata. La corretta esecuzione del test è garantita dallo sviluppo di una «linea di controllo» presente sulla strip. Il portfolio Enviroligix QuickStix per rilevare Cotone Geneticamente Modificato include **Kit per la rilevazione di tracce di Cotone OGM in lotti di granelle** (ogni kit include 100 strip ed i reagenti necessari all'esecuzione del test):

Enviroligix Quickstix portfolio for GM soy analysis

*EnviroLogix QuickStix are lateral flow test devices (LFDs) employing a sandwich immunoassay principle as ELISA to detect proteins typically present in GMO. The sample is added at one end of the LFD strip and travels by capillary action to the other end, like a pregnancy test. As the fluid sample travels through the membrane, the sample is exposed to zones of antibody reactive to the target proteins forming a colored band in positive samples. The assays are designed to develop a "control line" near the far end of the device. The control line ensures the device is functioning properly. Enviroligix portfolio of QuickStix developed for GM cotton detection includes **Kits for the detection of GM cotton traces in bulk grains lots** (Each kit includes 100 strips, packaged 50 each in moisture-resistant canisters, with pipettes and reaction vials):*

GX10331	QuickStix Kit for detection of 2mEPSPS	1 seed in 200 (0.5%)
GX10326	QuickStix Kit for detection of CP4 EPSPS	1 seed in 400 (0.25%)
GX10332	QuickStix Kit for detection of Cry1Ac	1 seed in 200 (0.5%)
GX10328	QuickStix Kit for detection of Cry1F	1 seed in 100 (1%)
GX10324	QuickStix Kit for detection of Cry2A	1 seed in 400 (0.25%)
GX10330	QuickStix Kit for detection of Cry2Ae	1 seed in 200 (0.5%)
GX11769	QuickStix Kit for detection of DMO	1 seed in 200 (0.5%)
GX10327	QuickStix Kit for detection of PAT-bar	1 seed in 400 (0.25%)
GX12167	QuickStix Kit for detection of Vip3A	1 seed in 200 (0.5%)

🇮🇹 Kit per la rilevazione di tracce di Cotone OGM in piante e singoli semi (ogni kit include 100 strip o 6x8 pettini Comb ed i reagenti necessari all'esecuzione del test):

🇬🇧 Kits for the identification of GM cotton leaf punch and single seed (each kit includes 100 strips, packaged 50 each in moisture-resistant canisters, with pipettes and reaction vials, or 6x8 strips comb for use in high-throughput seed testing using 48-well plates):

GX10383	QuickStix Kit for detection of Cry1Ac	100 Strips
GX10385	QuickStix Kit for detection of PAT-bar	100 Strips
GX11532	QuickStix Kit for detection of Vip3A	100 Strips
GX10384	QuickStix Kit for detection of CP4 EPSPS	100 Strips
GX10334	QuickStix Comb Kit for detection of CP4 EPSPS	6 x 8 Strips Combs
GX12365	QuickStix Combo Kit for detection of 5 traits: Cry1A Cry2A CP4 EPSPS DMO Vip3A	100 Strips
GX12367		6 x 8 Strips Combs
GX11573	QuickStix Combo Kit for detection of 4 traits: Cry1Ab Cry2Ae 2mEPSPS PAT-bar	100 Strips
GX11575		6 x 8 Strips Combs
GX10716	QuickStix Combo Kit for detection of 3 traits: Cry1Ac Cry1F CP4 EPSPS	100 Strips
GX10339		6 x 8 Strips Combs
GX10392	QuickStix Combo Kit for detection of 3 traits: Cry1Ac Cry2A CP4 EPSPS	100 Strips
GX10352		6 x 8 Strips Combs
GX10395	QuickStix Combo Strips for detection of 4 traits: Cry1A Cry2A PAT-bar CP4 EPSPS	100 Strips
GX10354		6 x 8 Strips Combs
GX11698	QuickStix Combo Kit for detection of 4 traits: Cry1Ac Cry1F CP4 EPSPS Vip3A	100 Strips
GX11686	QuickStix Combo Comb Kit for detection of 4 traits: Cry1A Cry2A PAT-bar 2mEPSPS	6 x 8 Strips Combs