

Enzyme Linked ImmunoSorbent Assay



PathoScreen® ELISA Kit. are complete ELISA kits for plant pathogen detection that contain all the materials necessary to perform the ELISA test. Most importantly, PathoScreen kits include precoated microtiter ELISA plates which save time and offer extraordinary stability. Kits are available in three sizes, 96, 288, and 480 testwells. Contents:

- Sample extraction buffer
- Antibody-coated¹, 96 testwell, break-apart microtiter plates
- Conjugated antibody² and diluent
- Wash buffer
- Substrate materials:
 - TMB substrate solution, for Peroxidase kits
 - PNP tablets and substrate buffer, for Alkaline phosphatase kits
- Positive control³ if available
- Negative control³ sold separately if available

*** Note: Indirect ELISA PathoScreen kits include uncoated plates and the primary antibody.**

Reagent Set. Coating (IgG) and conjugate antibodies for plant pathogens and other antigen detection. Reagent sets are available in four sizes, 96, 500, 1000 or 5000 testwells. Contents:

- Uncoated, 96 testwell, solid plates
- Coating or primary antibody¹
- Conjugated antibody²
- Positive and Negative Controls sold separately³

Note: Peroxidase reagent sets also include TMB substrate materials.



Pathogen	Reagent Sets	Pathoscreen Complete Kits
Acidovorax avenae (Aa)	BRA 41900	
Acidovorax avenae subsp. citrulli (Aac)	SRA 14800	
Alfalfa mosaic virus (AMV)	SRA 87601	PSA 87601
Alstroemeria mosaic virus (AIMV)	SRA 39000	
Alternanthera mosaic virus & Papaya mosaic virus (AltMV & PapMV)	SRA 53400	
American plum line pattern virus (APLPV)	SRA 32000	
Andean potato latent virus (APLV)	SRA 40200	
Angelonia flower break virus (AnFBV)	SRA 36600	
Apple mosaic virus (ApMV)	SRA 30700	
Arabis mosaic virus (ArMV)	SRA 23203	PSA 23203
Asparagus virus 2 (AV2)	SRA 71000	PSA 71000
Banana bract mosaic virus (BBrMV)	SRA 24600	
Banana bunchy top virus (BBTV)	SRA 24700	
Burkholderia glumae (Bg)	BRA 62100	
Barley stripe mosaic virus (BSMV)	SRA 19500	
Barley yellow dwarf virus-mav (BYDV-mav)	SRA 26500	
Barley yellow dwarf virus-PAV (BYDV-PAV)	SRA 27500	
Bean common mosaic virus (BCMV)	SRA 46000	PSA 46000
Bean pod mottle virus (BPMV)	SRA 46400	PSA 46400
Beet necrotic yellow vein virus (BNYVV)	SRA 16301	
Beet western yellows virus (BWYV)	SRA 32100	
Blueberry leaf mottle virus (BLMoV)	SRA 88001	
Blueberry scorch virus (BIScV)	SRA 19100	
Blueberry shock virus (BIShV)	SRA 19200	
Blueberry shoestring virus (BSSV)	SRP 19000	
Broad Bean Wilt Virus 1 and 2 (BBWV 1,2)	SRA 46202	
Brome mosaic virus (BMV)	SRA 29300	
Calibrachoa mottle virus (CbMV)	SRA 83000	
Carnation etched ring virus (CERV)	SRA 34100	
Carnation latent virus (CLV)	SRA 34000	
Clavibacter michiganensis subsp. michiganensis (Cmm)	BRA 44001	
Carnation mottle virus (CarMV)	SRA 68000	
Carnation necrotic fleck virus (CNFV)	SRA 68500	
Carnation ringspot virus (CRSV)	SRA 68300	
Cauliflower mosaic virus (CaMV)	SRP 45600	
Cereal yellow dwarf virus- RPV (CYDV-RPV)	SRA 28001	
Chrysanthemum virus B (CVB)	SRA 81000	PSA 81000
Citrus tristeza virus (CTV)	SRA 78900	
Clavibacter michiganensis subsp. michiganensis (Cmm)	SRA 44000	
Clavibacter michiganensis subsp. sepedonicus (Cms)	SRA 70002	
Clavibacter michiganensis subsp. tessellarius (Cmt)	SRA 44100	
Corn stunt spiroplasma (Css)	SRA 16000	
Cowpea mosaic virus (CPMV)	SRA 24200	
Cucumber green mottle mosaic virus (CGMMV)	SRA 45701	
Cucumber mosaic virus (CMV)	SRA 44501	PSA 44501
Cucumber mosaic virus subgroup I (CMV I)	SRA 44700	PSA 44700
Cucumber mosaic virus subgroup II (CMV II)	SRA 44800	PSA 44800
Cymbidium mosaic virus (CymMV)	SRA 89501	
Cymbidium ringspot virus (CymRSV)	SRA 33001	
Dasheen mosaic virus (DsMV)	SRA 48000	

Pathogen	Reagent Sets	Pathoscreen Complete Kits
Grapevine fanleaf virus (GFLV)	SRA 27703	
Groundnut ringspot virus & Tomato chlorotic spot virus (GRSV & TCSV)	SRA 61000	
Hibiscus chlorotic ringspot virus (HCRSV)	SRA 12300	
High plains virus (HPV)	SRA 17200	
Hosta virus X (HVX)	SRA 16600	
Impatiens necrotic spot virus (INSV)	SRA 20500	PSA 20500
Iris yellow spot virus (IYSV)	SRA 60500	
Johnsongrass mosaic virus (JgMV)	SRA 18300	
Kalanchoe latent virus (KLV)	SRA 62000	
Kyuri green mottle mosaic virus (KGMMV)	SRA 65001	
Leek yellow stripe virus (LYSV)	SRA 20301	
Lettuce mosaic virus (LMV)	SRA 45801	
Lily symptomless virus (LSV)	SRA 62300	
Maize chlorotic mottle virus (MCMV)	SRA 17002	
Maize dwarf mosaic virus (MDMV)	SRA 18000	
Maize mosaic virus (MMV)	SRA 18900	
Maize streak virus (MSV)	SRA 18800	
Maize stripe virus (MSpV)	SRA 17300	
Maize white line mosaic virus (MWLMV)	SRA 18200	
Melon necrotic spot virus (MNSV)	SRA 12402	
Nemesia ring necrosis virus (NeRNV)	SRA 24300	
Odontoglossum ringspot virus (ORSV)	SRA 54301	
Onion yellow dwarf virus (OYDV)	SRA 20101	
Pantoea stewartii (Pstew)	SRA 52000	PSA 52000
Papaya ringspot virus (PRSV)	SRA 53500	PSA 53500
Peach rosette mosaic virus (PRMV)	SRA 87700	
Peanut stunt virus (PSV)	SRA 44600	
Pectobacterium atrosepticum (Patro)	SRA 80003	
Pelargonium flower break virus (PFBV)	SRA 90000	
Pepino mosaic virus (PepMV)	SRA 13001	PSA 13001
Pepper mild mottle virus (PMMoV)	SRA 37501	
Pepper mottle virus (PepMoV)	SRA 38000	
Phytophthora (Phyt)	SRA 92601	PSA 92601
Plum pox virus (PPV)	SRA 31505	
Poinsettia mosaic virus (PnMV)	SRA 90700	
Potato aucuba mosaic virus (PAMV)	SRA 21000	
Potato latent virus (PotLV)	SRA 40501	
Potato leafroll virus (PLRV)	SRA 30002	PSA 30002
Potato virus A (PVA)	SRA 60000	PSA 60000
Potato virus M (PVM)	SRA 50000	PSA 50000
Potato virus S (PVS)	SRA 40000	PSA 40000
Potato virus T (PVT)	SRA 40100	
Potato virus V (PVV)	SRA 10100	
Potato virus X (PVX)	SRA 10000	PSA 10000
Potato virus Y (PVY)	SRA 20001	PSA 20001
Potato virus Y-common strain (PVY-c)	SRA 20700	PSA 20700
Potato virus Y-necrotic strain (PVY-n)	SRA 26001	PSA 26001
Potato virus Y-o+c strains (PVY-o+c)	SRA 20600	PSA 20600
Potyvirus Group (Poty)	SRA 27200	PSA 27200
Prune dwarf virus (PDV)	SRA 98700	PSA 98700

Pathogen	Reagent Sets	Pathoscreen Complete Kits
Prunus necrotic ringspot virus (PNRSV)	SRA 30500	PSA 30500
Pseudomonas savastanoi pv. phaseolicola (Psph)	SRA 53300	
Ralstonia solanacearum (Rs)	SRP 33900	PSP 33900
Raspberry bushy dwarf virus (RBDV)	SRA 58200	
Ribgrass mosaic virus (RMV)	SRA 57601	PSA 57601
Soil-borne wheat mosaic virus (SBWMV)	SRA 42001	
Southern bean mosaic virus (SBMV)	SRA 24100	
Soybean dwarf virus (SbDV)	SRA 15500	
Soybean mosaic virus (SMV)	SRA 33300	
Soybean vein necrosis virus (SVNV)	SRA 43200	
Spiroplasma citri (Sc)	SRA 14700	
Squash mosaic virus (SqMV)	SRA 26400	PSA 26400
Strawberry mild yellow edge virus (SMYEV)	SRA 14500	
Sugarcane bacilliform virus (SCBV)	SRA 72200	
Sugarcane mosaic virus (SCMV)	SRA 18100	
Tobacco mosaic virus (TMV)	SRA 57400	PSA 57400
Tobacco ringspot virus (TRSV)	SRA 64001	PSA 64001
Tobacco streak virus (TSV)	SRA 25500	PSA 25500
Tomato aspermy virus (TAV)	SRA 37001	
Tobacco etch virus (TEV)	SRA 49501	PSA 49501
Tomato bushy stunt virus (TBSV)	SRA 45400	
Tomato mosaic virus (ToMV)	SRA 35400	PSA 35400
Tomato ringspot virus (ToRSV)	SRA 22001	PSA 22001
Tomato spotted wilt virus (TSWV)	SRA 39300	PSA 39300
Turnip mosaic virus (TuMV)	SRA 18700	
Watermelon mosaic virus (WMV)	SRA 54001	
Watermelon silver mottle virus & Groundnut bud necrosis virus (WSMoV & GBNV)	SRA 61500	
Wheat spindle streak mosaic virus (WSSMV)	SRA 43001	
Wheat streak mosaic virus (WSMV)	SRA 47001	PSA 47001
Xanthomonas axonopodis pv. phaseoli (Xaph)	SRA 36101	
Xanthomonas hortorum pv. pelargonii (Xhp)	SRA 32503	
Xylella fastidiosa (Xf)	SRP 34501	PSP 34501
Xanthomonas albilineans (Xalb)	BRA 71100	
Xanthomonas axonopodis pv. begoniae (Xab)	BRA 23700	
Xanthomonas axonopodis pv. citri (Xac)	BRA 92200	
Xanthomonas axonopodis pv. dieffenbachiae (Xad)	BRA 47600	
Xanthomonas campestris pv. armoraciae (Xcarm)	BRA 88800	
Xanthomonas Genus Specific (Xan)	BRA 14600	
Xanthomonas hortorum pv. pelargonii (Xhp)	BRA 32502	
Xanthomonas oryzae pv. oryzae (Xoo)	BRA 85000	
Zucchini yellow mosaic virus (ZYMV)	SRA 77700	PSA 77700

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