

Y SEDIAG

Plant pathogens Diagnostic catalogue

*Le Laboratoire SEDIAG met à disposition
un service d'analyse pour la détection
des agents pathogènes
(virus, bactéries)*



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Anticorps et Diagnostic

GRAPEVINE / Vigne



Arabis Mosaic Virus (**ArMV**)
Court-Noué (**ArMV + GFLV**)
Grapevine Chrome Mosaic Virus (**GCMV**)
Grapevine Fleck Virus (**GFkV**)
Grapevine Fan Leaf Virus (**GFLV**)
Grapevine Leaf Roll Closterovirus 1 (**GLRaV-1**)
Grapevine Leaf Roll Closterovirus 1 + 3 (**GLRaV-1 + 3**)
Grapevine Leaf Roll Closterovirus 2 (**GLRaV-2**)
Grapevine Leaf Roll Closterovirus 3 (**GLRaV-3**)
Grapevine Leaf Roll Closterovirus 5 (**GLRaV-5**)
Grapevine Leaf Roll Closterovirus 7 (**GLRaV-7**)
Grapevine Trichovirus A (**GVA**)
Grapevine Trichovirus B (**GVB**)
Raspberry Ringspot nepovirus (**RpRSV**)
Strawberry Latent Ringspot nepovirus (**SLRSV**)
Tomato Black Ringspot nepovirus (**TBRV**)
Tomato Ringspot nepovirus (**ToRSV**)
Xylella fastidiosa (**X. fastidiosa**)

FIELD CROPS / Grandes Cultures



Barley / Orge

Barley Mild Mosaic Virus (**BaMMV**)
Barley Yellow Mosaic Virus (**BaYMV**)
Barley Stripe Mosaic Virus (**BSMV**)
Barley Yellow Dwarf Virus (**BYDV**)
Soil-borne Wheat Mosaic Virus (**SBWMV**)
Wheat Dwarf Virus (**WDV**)

Beet / Betterave

Beet Necrotic Yellow Vein Virus (**BNYVV**)
Beet Mosaic Potyvirus (**BtMV**)
Beet Western Yellows Virus (**BWYV**)
Beet Yellows Virus (**BYV**)
Cucumber Mosaic Virus (**CMV**)

Cassava / Manioc

African Cassava Mosaic Virus (**ACMV**).

Forage Crops / Plantes Fouragères

Johnsongrass Mosaic Virus (**JgMV**)
Ribgrass Mosaic Virus (**RMV**)

Maize / Maïs

Brome Mosaic Virus (**BMV**)
Barley Yellow Dwarf Virus (**BYDV**)
Maize Chlorotic Mottle Virus (**MCMV**)
Maize Dwarf Mosaic Virus (**MDMV**)
Maize Streak Virus (**MSV**)
Maize White Line Mosaic Virus (**MWLMV**)

Oat / Avoine

Barley Yellow Dwarf Virus (**BYDV**)

Peanut / Arachide

Peanut Stripe Virus (**PSV**)

Potato / Pomme de Terre

Alfalfa Mosaic Virus (**AMV**)
Andean Potato Latent Virus (**APLV**)
Arracha Virus B (**AVB**)
Clavibacter michiganensis sepedonicus (**C.m.sepedonicus**)
Erwinia carotovora atroseptica (**E.c.atroseptica**)
Impatiens Necrotic Spot Virus (**INSV**)
Potato Aucuba Mosaic Virus (**PAMV**)
Potato Leaf Roll Virus (**PLRV**)
Potato Mop-Top Virus (**PMTV**)
Potato Latent Virus = Red La Soda Virus (**PotLV = RLSV**)
Potato Rough Dwarf Virus (**PRDV**)
Potato Virus A (**PVA**)
Potato Virus M (**PVM**)
Potato Virus S (**PVS**)
Potato Virus T (**PVT**)
Potato Virus V (**PVV**)
Potato Virus X (**PVX**)
Potato Virus Y (**PVY o + c + n**)
Potato Yellow Dwarf Virus (**PYDV**)
Ralstonia solanacearum (**R.solanacearum**)
Tobacco Mosaic Virus (**TMV**)
Tobacco Ringspot Virus (**TRSV**)
Tobacco Rattle Virus (**TRV**)
Tomato Spotted Wilt Virus (**TSWV**)

Rapeseed / Colza

Beet Western Yellows Virus (**BWYV**)
Cauliflower Mosaic Virus (**CaMV**)

Rice / Riz

Rice Yellow Mottle Virus (**RYMV**)

Soybean / Soja

Alfalfa Mosaic Virus (**AMV**)
Faba Bean Necrotic Yellow Virus (**FBNYV**)
Soybean Mosaic Virus (**SMV**)
Tobacco Streak Virus (**TSV**)

Sugarcane / Canne à sucre

Sugarcane Bacilliform Virus (**SCBV**)
Sugarcane Mosaic Virus (**SCMV**)

Tobacco / Tabac

Alfalfa Mosaic Virus (**AMV**)
Cucumber Mosaic Virus (**CMV**)
Potato Virus X (**PVX**)
Ralstonia solanacearum (**R.solanacearum**)
Tobacco Etch Virus (**TEV**)
Tobacco Mosaic Virus (**TMV**)
Tobacco Streak Virus (**TSV**)
Tomato Spotted Wilt Virus (**TSWV**)
Tobacco Vein Mottling Virus (**TVMV**)

Turnip / Navet

Turnip Mosaic Virus (**TuMV**)
Turnip Yellow Mosaic Virus (**TYMV**)1

Wheat / Blé

Barley Stripe Mosaic Virus (**BSMV**)
Barley Yellow Dwarf Virus (**BYDV**)
Soil-borne Wheat Mosaic Virus (**SBWMV**)
Wheat Dwarf Virus (**WDV**)
Wheat Streak Mosaic Virus (**WSMV**)
Wheat Spindle Streak Mosaic Virus (**WSSMV**)
Wheat Yellow Mosaic Virus (**WYMV**)

➤ VEGETABLES / Légumes



Allium and Leeks / Allium et Poireaux

Garlic Common Latent Virus (GarCLV)
Iris Yellow Spot Virus (IYSV)
Leek Yellow Stripe Virus (LYSV)
Onion Yellow Dwarf Virus (OYDV)
Shallot Latent Virus (SLV)
Shallot Yellow Stripe Virus (SYSV)

Asparagus / Asperges

Asparagus Virus 1 (AV1)
Asparagus Virus 2 (AV2)

Bean / Haricot

Alfalfa Mosaic Virus (AMV)
Broad Bean Stain Virus (BBSV)
Broad Bean True Mosaic Virus (BBTMV)
Broad Bean Wilt Virus (BBWV)
Bean Common Mosaic Necrosis Virus (BCMNV)
Bean Common Mosaic Virus (BCMV)
Bean Pod Mottle Virus (BPMV)
Bean Yellow Mosaic Virus (BYMV)
Clavibacter michiganensis subsp. flaccumfaciens (C.f.flaccumfaciens)
Cucumber Mosaic Virus (CMV)
Faba Bean Necrotic Yellow Virus (FBNYV)
Southern Bean Mosaic Virus (SBMV)
Soybean Mosaic Virus (SMV)
Shallot Yellow Stripe Virus (SYSV)
Tomato Black Ring Virus (TBRV)
Tobacco Streak Virus (TSV)
Tomato Spotted Wilt Virus (TSWV)
Watermelon Mosaic Virus (WMV = WMV2)
Pseudomonas syringae phaseolicola (P.s.phaseolicola)
Pseudomonas syringae pv savastanoi (P.s.savastanoi)
Xanthomonas axonopodis phaseoli (X.a.phaseoli)

Brassica

Cauliflower Mosaic Virus (CaMV)
Xanthomonas campestris campestris (X.c.campestris)

Cucurbits / Cucurbitacées

Cucurbit Aphid-borne Yellows Virus (CABYV)
Cucumber Green Mottle Mosaic Virus (CGMMV)
Cucumber Mosaic Virus (CMV)
Cucumber Vein Yellow Virus (CVYV)
Cucumber Yellow Stunting Disorder Virus (CYSDV)
Melon Necrotic Spot Virus (MNSV)
Moroccan Watermelon Mosaic Virus (MWMV)
Papaya Ringspot Virus (PRSV = WMV1)
Pseudomonas syringae pv. lachrymans (P.s. lachrymans)
Squash Mosaic Virus (SqMV)
Tomato Ringspot Virus (ToRSV)
Tobacco Ringspot Virus (TRSV)
Watermelon Mosaic Virus (WMV = WMV2)
Zucchini Green Mottle Mosaic Virus (ZGMMV)
Zucchini Yellow Mosaic Virus (ZYMV)

Lettuce / Laitue

Arabidopsis Mosaic Virus (ArMV)
Cucumber Mosaic Virus (CMV)
Impatiens Necrotic Spot Virus (INSV)
Lettuce Mosaic Virus (LMV)
Tomato Black Ring Virus (TBRV)
Tomato Spotted Wilt Virus (TSWV)

Pea / Pois

Clover Yellow Vein Virus - Strains C81 & Pratt (CIYVV(C81&Pratt))
Cowpea Mosaic Virus (CPMV)
Faba Bean Necrotic Yellow Virus (FBNYV)
Pea Enation Mosaic Virus (PEMV)
Pea Streak Virus (PeSV)
Pea Seed-borne Mosaic Virus (PSbMV)

Pseudomonas syringae pisi (P.s.pisi)
Tomato Spotted Wilt Virus (TSWV)

Pepper / Poivre

Cucumber Mosaic Virus (CMV)
Impatiens Necrotic Spot Virus (INSV)
Pepper Mottle Virus (PepMoV)
Pepper Mild Mottle Virus (PMMV)
Pepper Veinal Mottle Virus (PVMV)
Potato Virus X (PVX)
Potato Virus Y (PVY o + c + n)
Ralstonia solanacearum (R.solanacearum)
Tobacco Etch Virus (TEV)
Tobacco Mosaic Virus (TMV)
Tobacco Brown Rugose Fruit Virus (ToBRFV)
Tomato Spotted Wilt Virus (TSWV)
Xanthomonas campestris vesicatoria (X.c.vesicatoria)

Tomato / Tomate

Alfalfa Mosaic Virus (AMV)
Clavibacter michiganensis michiganensis (C.m.michiganensis)
Chrysanthemum Aspermy Virus = Tomato Aspermy Virus (CAV = TAV)
Cucumber Mosaic Virus (CMV)
Impatiens Necrotic Spot Virus (INSV)
Pepino Mosaic Virus (PepMV)
Potato Virus X (PVX)
Potato Virus Y (PVY o + c + n)
Ralstonia solanacearum (R.solanacearum)
Tomato Bushy Stunt Virus (TBSV)
Tobacco Etch Virus (TEV)
Tobacco Mosaic Virus (TMV)
Tobacco Brown Rugose Fruit Virus (ToBRFV)
Tomato Mosaic Virus (ToMV)
Tomato Ringspot Virus (ToRSV)
Tomato Spotted Wilt Virus (TSWV)
Tomato Yellow Leaf Curl Virus (TYLCV)
Xanthomonas campestris vesicatoria (X.c.vesicatoria)

Turnip / Navet

Turnip Mosaic Virus (TuMV)
Turnip Yellow Mosaic Virus (TYMV)

Infect all vegetable species / Infecte toutes les espèces de légumes

POTY (Potyvirus Detection)

➤ FRUITS



Almond / Amande

Apple Chlorotic Leaf Spot Virus (ACLSV)
Prune Dwarf Virus (PDV)
Prunus Necrotic Ringspot Virus (PNRSV)
Plum Pox Virus (PPV)
Tomato Black Ring Virus (TBRV)
Tomato Ringspot Virus (ToRSV)

Apple / Pomme

Apple Chlorotic Leaf Spot Virus (ACLSV)
Apple Mosaic Virus (ApMV)
Erwinia amylovora (E.amylovora)
Tomato Black Ring Virus (TBRV)
Tomato Ringspot Virus (ToRSV)

Apricot / Abricot

Apple Chlorotic Leaf Spot Virus (ACLSV)
Prune Dwarf Virus (PDV)
Prunus Necrotic Ringspot Virus (PNRSV)
Plum Pox Virus (PPV)
Pseudomonas syringae syringae (P.s.syringae)
Tomato Black Ring Virus (TBRV)
Tomato Ringspot Virus (ToRSV)

Banana / Banane

Banana Streak Virus (BSV)
Cucumber Mosaic Virus (CMV)
Ralstonia solanacearum (R.solanacearum)
Tomato Black Ring Virus (TBRV)

Cherry / Cerise

Apple Chlorotic Leaf Spot Virus (ACLSV)
Arabid Mosaic Virus (ArMV)
Cherry Leaf Roll Virus (CLRV)
Prune Dwarf Virus (PDV)
Prunus Necrotic Ringspot Virus (PNRSV)
Raspberry Ringspot nepovirus (RpRSV)
Strawberry Latent Ringspot nepovirus (SLRSV)
Tomato Black Ring Virus (TBRV)

Citrus / Agrumes

Citrus Psorosis Virus (CPsV)
Citrus Tristeza Virus (CTV)
Spiroplasma citri (S.citri)
Tomato Black Ring Virus (TBRV)
Xylella fastidiosa (X. fastidiosa)

Olive

Arabid Mosaic Virus (ArMV)
Cucumber Mosaic Virus (CMV)
Cherry Leaf Roll Virus (CLRV)
Strawberry Latent Ringspot nepovirus (SLRSV)
Tomato Black Ring Virus (TBRV)

Papaya / Papaye

Papaya Mosaic Virus (PapMV)
Papaya Ringspot Virus (PRSV = WMV1)
Tomato Black Ring Virus (TBRV)

Peach / Pêche

Apple Chlorotic Leaf Spot Virus (ACLSV)
Prune Dwarf Virus (PDV)
Prunus Necrotic Ringspot Virus (PNRSV)
Plum Pox Virus (PPV)
Peach Rosette Mosaic Virus (PRMV)
Raspberry Ringspot nepovirus (RpRSV)
Strawberry Latent Ringspot nepovirus (SLRSV)
Tomato Black Ring Virus (TBRV)
Tomato Ringspot Virus (ToRSV)
Xanthomonas campestris pruni (X.c.pruni)

Pear / Poire

Apple Chlorotic Leaf Spot Virus (ACLSV)
Erwinia amylovora (E.amylovora)
Tomato Black Ring Virus (TBRV)
Tomato Ringspot Virus (ToRSV)

Plum / Prune

Apple Chlorotic Leaf Spot Virus (ACLSV)
Apple Mosaic Virus (ApMV)
Prune Dwarf Virus (PDV)
Prunus Necrotic Ringspot Virus (PNRSV)
Plum Pox Virus (PPV)
Tomato Black Ring Virus (TBRV)



Aracaeae

Alfalfa Mosaic Virus (AMV)
Cucumber Mosaic Virus (CMV)
Dasheen Mosaic Virus (DsMV)
Potato Virus X (PVX)
Tomato Spotted Wilt Virus (TSWV)
Xanthomonas axonopdis diffebachiae (X.a.diffebachiae)
Xanthomonas campestris diffebachiae (X.c.diffebachiae)

Begonia

Cucumber Mosaic Virus (CMV)
Impatiens Necrotic Spot Virus (INSV)
Potato Virus A (PVA)
Tomato Ringspot Virus (ToRSV)
Tomato Spotted Wilt Virus (TSWV)
Xanthomonas campestris begoniae (X.c.begoniae)

Carnation / Oeillet

Alfalfa Mosaic Virus (AMV)
Carnation Etched Ring Virus (CERV)
Carnation Mottle Virus (CarMV)
Carnation Latent Virus (CLV)
Carnation Necrotic Fleck Virus (CNFV = CarYFV)
Carnation Ringspot Virus (CRSV)
Cucumber Mosaic Virus (CMV)

Chrysanthemum / Chrysanthème

Chrysanthemum Aspermy Virus = Tomato Aspermy Virus (CAV = TAV)
Cucumber Mosaic Virus (CMV)
Chrysanthemum Virus B (CVB)
Erwinia chrisantemi (E.chrisantemi)
Impatiens Necrotic Spot Virus (INSV)
Tomato Ringspot Virus (ToRSV)
Tomato Spotted Wilt Virus (TSWV)

Dahlia

Cucumber Mosaic Virus (CMV)
Erwinia chrysanthemi (E.chrysanthemi)
Impatiens Necrotic Spot Virus (INSV)
Tobacco Streak Virus (TSV)
Tomato Spotted Wilt Virus (TSWV)

Gladiolus / Glaïeul

Arabid Mosaic Virus (ArMV)
Bean Yellow Mosaic Virus (BYMV)
Cucumber Mosaic Virus (CMV)
Impatiens Necrotic Spot Virus (INSV)
Strawberry Latent Ringspot nepovirus (SLRSV)
Tomato Black Ring Virus (TBRV)
Tobacco Mosaic Virus (TMV)
Tomato Ringspot Virus (ToRSV)
Tobacco Ringspot Virus (TRSV)
Tobacco Rattle Virus (TRV)
Tomato Spotted Wilt Virus (TSWV)

Iris

Bean Yellow Mosaic Virus (BYMV)
Iris Severe Mosaic Virus (ISMV)
Iris Yellow Spot Virus (IYSV)

SMALL FRUITS / Petits Fruits

Kalanchoe

Impatiens Necrotic Spot Virus (INSV)
Tomato Spotted Wilt Virus (TSWV)

Lily / Lys

Arabid Mosaic Virus (ArMV)
Chrysanthemum Aspermy Virus = Tomato Aspermy Virus (CAV = TAV)
Cherry Leafroll Virus (CLRV)
Cucumber Mosaic Virus (CMV)
Impatiens Necrotic Spot Virus (INSV)
Lily Symptomless Virus (LSV)
Strawberry Latent Ringspot nepovirus (SLRSV)
Tomato Black Ring Virus (TBRV)
Tomato Spotted Wilt Virus (TSWV)

Orchids / Orchidées

Bean Yellow Mosaic Virus (BYMV)
Cucumber Mosaic Virus (CMV)
Cymbidium Mosaic Virus (CymMV)
Cymbidium Ringspot Virus (CymRSV)
Impatiens Necrotic Spot Virus (INSV)
Odontoglossum Ringspot Virus (ORSV)
Tomato Mosaic Virus (ToMV)
Tomato Ringspot Virus (ToRSV)
Tobacco Rattle Virus (TRV)
Tomato Spotted Wilt Virus (TSWV)

Pelargonium

Cucumber Mosaic Virus (CMV)
Pelargonium Flower Break Virus (PFBV)
Pelargonium Leaf Curl Virus (PLCV)
Pelargonium Line Pattern Virus (PLPV)
Pelargonium Zonate Spot Virus (PZSV)
Tobacco Etch Virus (TEV)
Tobacco Mosaic Virus (TMV)
Tomato Ringspot Virus (ToRSV)
Tomato Spotted Wilt Virus (TSWV)
Xanthomonas campestris Pelargonii (X.c.pelargonii)

Petunia

Alfalfa Mosaic Virus (AMV)
Calibrachoa Mosaic Virus (CbMV)
Cucumber Mosaic Virus (CMV)
Impatiens Necrotic Spot Virus (INSV)
Potato Virus Y (PVY o + c + n)
Tobacco Mosaic Virus (TMV)
Tomato Mosaic Virus (ToMV)
Tomato Ringspot Virus (ToRSV)
Tobacco Streak Virus (TSV)
Tomato Spotted Wilt Virus (TSWV)

Rose

Apple Mosaic Virus (ApMV)
Arabid Mosaic Virus (ArMV)
Prunus Necrotic Ringspot Virus (PNRSV)
Strawberry Latent Ringspot nepovirus (SLRSV)
Tobacco Mosaic Virus (TMV)
Tomato Ringspot Virus (ToRSV)

Other / Autre

Alstroemeria Mosaic Virus (AIMV) .p 10
Hibiscus Chlorotic Ringspot Virus (HCRSV)
Hosta Virus X (HVX)
Nandina Mosaic Virus (NaMV)
Poinsettia Mosaic Virus (PnMV)
Clavibacter michiganensis subsp. insidiosus (C.m.insidiosus)
Xanthomonas campestris diffenbachiae (X.c.diffenbachiae)



Raspberry / Framboise

Arabid Mosaic Virus (ArMV)
Erwinia amylovora (E.amylovora)
Raspberry Bushy Dwarf Virus (RBDV)
Raspberry Ringspot nepovirus (RpRSV)
Strawberry Latent Ringspot nepovirus (SLRSV)
Tomato Black Ring Virus (TBRV)
Tomato Ringspot Virus (ToRSV)

Strawberry / Fraise

Raspberry Ringspot nepovirus (RpRSV)
Strawberry Latent Ringspot nepovirus (SLRSV)
Strawberry Mild Yellow Edge-associated Virus (SMYEaV)
Tomato Black Ring Virus (TBRV)
Xanthomonas fragariae (X.fragariae)

Blueberry / Myrtille

Blueberry Scorch Virus (BISV)
Blueberry Leaf Mottle Virus (BLMV)
Blueberry Shock Virus (BIShV)

Buffer / Tampon

Coating buffer / Tampon Coating
Conjugate buffer / Tampon Conjugué
General extraction buffer / Tampon d'extraction universel
Grapevine extraction buffer / Tampon d'extraction Vigne
Substrate buffer / Tampon Substrat
TYLCV extraction buffer / Tampon d'extraction spécial TYLCV
Wash buffer / Tampon Lavage

ELISA Plates / Plaques ELISA

ELISA Plates (X5) / Plaques ELISA (X5)

Mesh bags / Sachets de Broyage

Mesh bags (X500) / Sachets de Broyage (X500)
Mesh bags (X1000) / Sachets de Broyage (X1000)
Mesh bags (X5000) / Sachets de Broyage (X5000)

Substrate tablets / Substrat

Substrate Tablet (X24) / Tablettes de substrat (X24)

Tissue Homogenizer / Broyeur

Roller ball crusher / Tête de broyage ou Broyeur Manuel
Complete apparatus / Broyeur complet.



Innovation R&D for Plant disease analysis

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