eSens
by ECOLI

eSens PRODUCT LINE

REAL-TIME PCR KITS

Molecular diagnostic solutions

2026

Built on proven technology.
Designed for continuity.

ECOLI

The Story Behind eSens

Built on proven technology.
Designed for continuity.

The story of eSens began due to the expiration of the CE IVD certification of AmpliSens® PCR kits, thus we decided to start our own production in the Czech Republic. This allowed us to offer alternative CE IVD-D marked PCR kits under our own brand eSens, covering most of the AmpliSens® product range.

The portfolio of eSens includes 80+ different types of PCR kits, all of which contain the original AmpliSens® chemistry. In other words, eSens PCR kits are produced using the exact same polymerases, primers, probes, and solutions as the equivalent AmpliSens® counterparts. Only the packaging, labeling and certification are new for eSens compared to AmpliSens®. As a result, the composition of the kits and protocols (including thermal cycling programs) remain unchanged. This has made the transition from AmpliSens® to eSens seamless for many laboratories, enabling them to maintain their workflows unchanged while retaining CE IVD compliance.

Currently, we are working on transitioning most of our eSens product line to CE IVD-R.

With eSens, proven expertise meets the envolving needs of modern laboratories.

eSens by ECOLI

the truly European AmpliSens



85 Real-Time PCR kits

- A to Z of infectious diseases and genetic markers

Produced by Ecoli Dx near Prague in CZ

- Country of origin is the Czech Republic

Original AmpliSens® chemistry

- the same polymerases
- the same primers, probes and solutions
- the same protocols
  ** except for 4 kits marked eSens NA (Non-AmpliSens chemistry used)*

→ Only different packaging, labeling and documentation

Most kits CE IVD marked

- maintain AmpliSens workflow unchanged while retaining CE IVD compliance
- 70 kits legacy IVD (CE IVD-D)
  →most of them in the process of transitioning to IVD-R
- 15 kits RUO
  →PCR kits classified according to IVDR criteria in group D
  →and a few selected kits in group C with lower market demand

Catalog Number	Product Name Corresponding AmpliSens kit		CE IVD compli-ance	IVDR class	IVDR status
ES3000A	**eSens Neisseria gonorrhoeae QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B51-F(RG,iQ)-CE	AmpliSens® Neisseria gonorrhoeae-screen-FRT			
ES3001A	**eSens Treponema pallidum QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B20-F(RG,iQ)-CE	AmpliSens® Treponema pallidum-FRT			
ES3002A	**eSens Trichomonas vaginalis QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B6-F(RG,iQ)-CE	AmpliSens® Trichomonas vaginalis-FRT			
ES3003A	**eSens Mycoplasma genitalium QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B4-F(RG,iQ)-CE	AmpliSens® Mycoplasma genitalium-FRT			
ES3004A	**eSens Mycoplasma hominis QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B3-F(RG,iQ)-CE	AmpliSens® Mycoplasma hominis-FRT			
ES3005A	**eSens Gardnerella vaginalis QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B7-F(RG,iQ)-CE	AmpliSens® Gardnerella vaginalis-FRT			
ES3006A	**eSens Candida albicans QL PCR kit**		CE IVD-D	B	legacy IVD
	R-F1-F(RG,iQ)-CE	AmpliSens® Candida albicans-FRT			
ES3007A	**eSens Ureaplasma sp. QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B2-F(RG,iQ)-CE	AmpliSens® Ureaplasma spp.-FRT			
ES3009B	**eSens M.genitalium ML/FQ resistance QT PCR kit**		CE IVD-D	C	legacy IVD
	H-3971-1-CE	AmpliSens® M.genitalium-ML/FQ-Resist-FRT PCR kit. variant FRT-50 F			
ES3040A	**eSens Ureaplasma parvum/urealyticum QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B19-F(RG,iQ)-CE	AmpliSens® U.parvum/U.urealyticum-FRT			
ES3041A	**eSens Candida albicans/glabrata/krusei QL PCR kit**		CE IVD-D	B	legacy IVD
	R-F3-F(RG,iQ)-CE	AmpliSens® C.albicans/C.glabrata/C.krusei-FRT			
ES3043A	**eSens Gardnerella vaginalis/Lactobacillus sp. QT PCR kit**		CE IVD-D	C	legacy IVD
	R-B7-FT(RG,iQ,Mx)-CE	AmpliSens® Gardnerella vaginalis/Lactobacillus spp.-titre-FRT			
ES3044A	**eSens Florocenosis/Bacterial Vaginosis QT PCR kit**		CE IVD-D	C	legacy IVD
	R-B74-100-FT(RG)-CE	AmpliSens® Florocenosis/Bacterial Vaginosis-FRT			
ES3045A	**eSens Florocenosis/Mycoplasmas QT PCR kit**		CE IVD-D	C	legacy IVD
	R-B75-100-FT(RG,iQ,Mx)-CE	AmpliSens® Florocenosis/Mycoplasmas (M. hominis, U.parvum, U.urealyticum)-FRT			
ES3046A	**eSens Florocenosis/Candida QT PCR kit**		CE IVD-D	B	legacy IVD
	R-F5-100-FT(RG,CFX)-CE	AmpliSens® Florocenosis/Candida-FRT			
ES3047A	**eSens Florocenosis/Aerobes QT PCR kit**		CE IVD-D	C	legacy IVD
	R-B88-100-FT-CE	AmpliSens® Florocenosis/Aerobes-FRT			
ES3048A	**eSens Ureaplasma/M.genitalium/M.hominis QL PCR kit**		CE IVD-D	C	legacy IVD; C. trachomatis RUO (FAM channel)*
	R-B60-F(RG)-CE	AmpliSens® C.trachomatis/Ureaplasma/ M.genitalium/M.hominis-Multiprime-FRT			
ES3049A	**eSens N.gonorrhoeae/M.genitalium QL PCR kit**		RUO	Not relevant, formerly C	no recertification, CE IVD batch in stock, new batches to be RUO; C. trachomatis RUO (HEX channel)*
	R-B67-F(RG,iQ)-CE	AmpliSens® N.gonorrhoeae / C.trachomatis / M.genitalium-Multiprime-FRT			
ES3050A	**eSens N.gonorrhoeae/M.genitalium/T.vaginalis QL PCR kit**		CE IVD-D	C	legacy IVD; C. trachomatis RUO (HEX channel)*
	R-B61-F(RG)-CE	AmpliSens® N.gonorrhoeae/C.trachomatis/ M.genitalium/T.vaginalis-Multiprime-FRT			
ES3080A	**eSens HPV HR 14 screen/16,18,45 genotype QT PCR kit**		CE IVD-D	C	legacy IVD
	H-2311-1-13-CE	AmpliSens® HPV HCR screen-titre-14-FRT PCR kit variant FRT-100 FN			

Catalog Number	Product Name Corresponding AmpliSens kit		CE IVD compli-ance	IVDR class	IVDR status
ES3081A	**eSens HPV HR 14 genotype QT PCR kit**		CE IVD-D	C	legacy IVD
	H-2261-1-13-CE	AmpliSens® HPV HCR genotype-titre-FRT PCR kit. variant FRT-100 FN			
ES3082A	**eSens HPV HR 16/18 genotype QT PCR kit**		CE IVD-D	C	legacy IVD
	R-V12-F-CE	AmpliSens® HPV 16/18-FRT PCR kit, variant FRT-100 F			
ES3083A	**eSens HPV HR 14 genotype QT PCR kit, variant 4C**		RUO	Not relevant, formerly C	stay RUO
	R-V67-F-CE	AmpliSens® HPV HCR genotype-titre-FRT PCR kit			
ES3090A	**eSens HPV LR 6/11 genotype QL PCR kit**		CE IVD-D	C	legacy IVD
	R-V11-Mod(RG,iQ,Mx)-CE	AmpliSens® HPV 6/11-FRT PCR kit, variant FRT			
ES3100B	**eSens HAV QL PCR kit**		CE IVD-D	C	legacy IVD
	R-V4(RG,iQ)-CE	AmpliSens® HAV-FRT			
ES3112B	**eSens HBV genotype QL PCR kit**		CE IVD-D	C	legacy IVD
	H-1982-1-3-CE	AmpliSens® HBV-genotype-FRT PCR kit			
ES3122B	**eSens HCV genotype QL PCR kit**		CE IVD-D	C	legacy IVD
	H-0256-1-3-CE	AmpliSens® HCV-genotype-FRT PCR kit (REVERTA-L included)			
ES3150B	**eSens HGV QL PCR kit**		CE IVD-D	B	legacy IVD
	R-V2-50-F(RG,iQ,Mx,Dt)-CE	AmpliSens® HGV-FRT PCR kit			
ES3200A	**eSens HSV QL PCR kit**		RUO	Not relevant, formerly C	no recertification, CE IVD batch in stock, new batches to be RUO
	R-V8-F(RG,iQ)-CE	AmpliSens® HSV I,II-FRT			
ES3201A	**eSens HSV 1/2 genotype QL PCR kit**		CE IVD-D	C	legacy IVD
	R-V38-F(RG,iQ)-CE	AmpliSens® HSV-typing-FRT			
ES3202B	**eSens VZV QL PCR kit**		CE IVD-D	C	legacy IVD
	R-V61-50-F(RG)-CE	AmpliSens® VZV-FRT			
ES3203A	**eSens EBV QT PCR kit**		CE IVD-D	C	legacy IVD
	R-V9-100-S(RG,iQ,Mx)-CE	AmpliSens® EBV-screen/Monitor-FRT			
ES3206A	**eSens HHV6 QT PCR kit**		CE IVD-D	C	legacy IVD
	R-V10-T(RG,iQ,Mx)-CE	AmpliSens® HHV6-screen-titre-FRT			
ES3207A	**eSens HHV7 QT PCR kit**		CE IVD-D	C	legacy IVD
	H-2431-1-1-CE	AmpliSens® HHV7-screen/monitor-FRT PCR kit, variant FRT-100 FN			
ES3208A	**eSens HHV8 QT PCR kit**		CE IVD-D	C	legacy IVD
	H-3581-1-1-CE	AmpliSens® HHV8-screen/monitor-FRT PCR kit, variant FRT-100 FN			
ES3240A	**eSens EBV/HHV6 QT PCR kit**		CE IVD-D	C	legacy IVD; CMV RUO (ROX channel)*
	R-V48(RG,iQ,Mx)-CE	AmpliSens® EBV/CMV/HHV6A/B-screen-FRT			
ES3300A	**eSens Bordetella pertussis/bronchiseptica/parapertussis QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B84-100-F(RG,iQ,Dt)-CE	AmpliSens® Bordetella multi-FRT			
ES3301B	**eSens Influenza virus A/H5N1 QL PCR kit**		RUO	Not relevant, formerly D	stay RUO
	R-V33(SC)-CE	AmpliSens® Influenza virus A H5N1-FRT PCR kit, (non aliquoted)			
ES3303B	**eSens Influenza virus A H5/H7/H9 QL PCR kit**		CE IVD-D	B	legacy IVD
	R-V66-F-CE	AmpliSens® Influenza virus A-type-H5, H7, H9-FRT PCR kit			
ES3304A	**eSens ARVI screen QL PCR kit**		CE IVD-D	C	legacy IVD
	R-V57-100-F(RG,iQ,Dt)-CE	AmpliSens® ARVI-screen-FRT PCR kit			

Catalog Number	Product Name Corresponding AmpliSens kit		CE IVD compli-ance	IVDR class	IVDR status
ES3305B	**eSens MTC QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B57(RG,iQ,SC,Dt)-CE	AmpliSens® MTC-FRT			
ES3306B	**eSens MDR MTC QL PCR kit**		CE IVD-D	C	legacy IVD
	H-3611-1-CE	AmpliSens® MTC-MDR-FRT PCR kit, variant FRT-50 F			
ES3307B	**eSens Legionella pneumophila QT PCR kit**		CE IVD-D	C	legacy IVD
	R-B50(RG)-CE	AmpliSens® Legionella pneumophila-FRT			
ES3308A	**eSens Corynebacterium diphtheriae/tox genes QL PCR kit**		CE IVD-D	C	legacy IVD
	H-2842-1-CE	AmpliSens® Corynebacterium diphtheriae / tox-genes-FRT PCR kit variant FRT-100 F			
ES3309B	**eSens Mycobacterium tuberculosis/bovis/BCG QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B80(RG,iQ,Dt,SC)-CE	AmpliSens® MTC-diff-FRT PCR kit			
ES3310B	**eSens NA RespiViral Multiplex**		RUO	Not relevant, formerly C	stay RUO
	Non-AmpliSens chemistry				
ES3311A	**eSens NA SARS-CoV-2/Influenza A/B Multiplex**		RUO	Not relevant, formerly C	stay RUO
	Non-AmpliSens chemistry				
ES3312A	**eSens NA SARS-CoV-2/SARS-CoV Multiplex**		RUO	Not relevant, formerly D	stay RUO
	Non-AmpliSens chemistry				
ES3400B	**eSens Enterovirus QL PCR kit**		CE IVD-D	C	legacy IVD
	H-2773-1-CE	AmpliSens® Human enterovirus-FRT PCR kit variant FRT-50 F			
ES3401B	**eSens Poliovirus QL PCR kit**		CE IVD-D	C	legacy IVD
	R-V58(RG,iQ)-CE	AmpliSens® Poliovirus-FRT			
ES3402B	**eSens Listeria monocytogenes QT PCR kit**		CE IVD-D	C	legacy IVD
	H-2161-1-1-CE	AmpliSens® Listeria monocytogenes-screen /monitor-FRT PCR kit variant FRT-50 FN			
ES3440B	**eSens N.meningitidis/H.influenzae/S.pneumoniae QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B25(RG,iQ)-CE	AmpliSens® N. meningitidis/H. influenzae /S. pneumoniae-FRT			
ES3441A	**eSens JCV/BKV QT PCR kit**		CE IVD-D	C	legacy IVD
	H-2441-1-1-CE	AmpliSens® JCV-BKV screen/monitor-FRT PCR kit, variant FRT-100 F			
ES3501B	**eSens Helicobacter pylori QL PCR kit**		CE IVD-D	B	legacy IVD
	H-2831-1-CE	AmpliSens® Helicobacter pylori-FRT PCR kit. variant FRT-50 F			
ES3540B	**eSens Rotavirus/Norovirus/Astrovirus QL PCR kit**		CE IVD-D	B	legacy IVD
	R-V40(RG,iQ)-CE	AmpliSens® Rotavirus/Norovirus/Astrovirus-FRT			
ES3541B	**eSens Acute intestinal infections QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B45(RG,iQ)-CE	AmpliSens® AII-screen-FRT			
ES3542B	**eSens Escherichioses QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B62(RG,iQ)-CE	AmpliSens® Escherichioses-FRT PCR kit			
ES3601B	**eSens Dengue virus type QL PCR kit**		CE IVD-D	C	legacy IVD
	R-V63(RG,CFX)-CE	AmpliSens® Dengue virus type-FRT			
ES3602B	**eSens WNV QL PCR kit**		CE IVD-D	C	legacy IVD
	R-V53(RG,iQ,Mx)-CE	AmpliSens® WNV-FRT			
ES3603B	**eSens CCHFV QL PCR kit**		RUO	Not relevant, formerly D	stay RUO
	R-V22-50-F(RG,iQ,Mx,Dt)-CE	AmpliSens® CCHFV-FRT			

Catalog Number	Product Name Corresponding AmpliSens kit		CE IVD compli-ance	IVDR class	IVDR status
ES3604B	**eSens EBOV Zaire QL PCR kit**		RUO	Not relevant, formerly D	stay RUO
	R-V69-50-F-CE	AmpliSens EBOV Zaire 1-FRT PCR kit			
ES3605B	**eSens Zika virus QL PCR kit**		CE IVD-D	C	legacy IVD
	H-2411-1-CE	AmpliSens® Zika virus-FRT PCR kit, variant FRT-50 F			
ES3606B	**eSens Yellow fever virus QL PCR kit**		CE IVD-D	B	legacy IVD
	H-2461-1-CE	AmpliSens® Yellow fever virus-FRT PCR kit variant FRT-50 F			
ES3640B	**eSens Plasmodium sp./falciparum/vivax QL PCR kit**		RUO	Not relevant, formerly D	stay RUO
	H-3981-1-CE	AmpliSens® Plasmodium spp./ P.falciparum/ P.vivax-FRT PCR kit			
ES3700B	**eSens Borrelia burgdorferi sl QL PCR kit**		RUO	Not relevant, formerly C	stay RUO
	R-B37(RG)-CE	AmpliSens® Borrelia burgdorferi sensu lato-FRT			
ES3701B	**eSens Borrelia miyamotoi QL PCR kit**		CE IVD-D	C	legacy IVD
	H-2791-1-CE	AmpliSens® Borrelia miyamotoi-FRT PCR kit variant FRT-50 FN			
ES3702A	**eSens TBEV QL PCR Kit**		CE IVD-D	B	legacy IVD
	R-V52(RG)-CE	AmpliSens® TBE-FRT			
ES3740A	**eSens TBEV/Borrelia/Anaplasma/Ehrlichia QL PCR Kit**		CE IVD-D	C	legacy IVD
	R-V59(RG,iQ,Mx,Dt)-CE	AmpliSens® TBEV, B.burgdorferi sl, A.phagocytophillum, E.chaffeensis/E.muris-FRT			
ES3801B	**eSens Parvovirus B19 QT PCR kit**		CE IVD-D	C	legacy IVD
	R-V49(RG,iQ,Mx)-CE	AmpliSens® Parvovirus B19-FRT			
ES3803B	**eSens Pneumocystis jirovecii QL PCR kit**		CE IVD-D	C	legacy IVD
	R-F2-Mod(RG,iQ,Mx)-CE	AmpliSens® Pneumocystis jirovecii (carinii)-FRT PCR kit			
ES3804A	**eSens Cryptococcus neoformans QL PCR kit**		CE IVD-D	C	legacy IVD
	R-F4-F(RG,iQ)-CE	AmpliSens® Cryptococcus neoformans-FRT			
ES3806B	**eSens Bacillus anthracis QL PCR kit**		RUO	Not relevant, formerly D	stay RUO
	R-B41(RG)-CE	AmpliSens® Bacillus anthracis-FRT (aliquoted in 0,2 ml tubes)			
ES3807B	**eSens Brucella sp. QL PCR kit**		CE IVD-D	B	legacy IVD
	R-B10(RG)-CE	AmpliSens® Brucella spp.-FRT (aliquoted in 0,2 ml tubes)			
ES3808B	**eSens Leptospira QL PCR kit**		CE IVD-D	C	legacy IVD
	R-B49(RG,iQ)-CE	AmpliSens® Leptospira-FRT			
ES3809A	**eSens Streptococcus agalactiae QT PCR kit**		CE IVD-D	C	legacy IVD
	R-B77-100-FT(RG,iQ)-CE	AmpliSens® Streptococcus agalactiae-screen-titre-FRT			
ES3810A	**eSens Streptococcus pyogenes QT PCR kit**		CE IVD-D	C	legacy IVD
	H-2171-1-1-CE	AmpliSens® Streptococcus pyogenes-screen /monitor-FRT PCR kit variant FRT-100 FN			
ES3811B	**eSens NA Mycosis Multiplex**		CE IVD-D	B	legacy IVD
	Non-AmpliSens chemistry				
ES4100B	**eSens F2/F5 SNP PCR kit**		RUO	Not relevant, formerly C	stay RUO
	S-3451-1-CE	AmpliSens® F2/F5-SNP-FRT PCR kit. variant FRT-50 F			
ES4200B	**eSens BRCA1 SNP PCR kit**		RUO	Not relevant, formerly C	stay RUO
	S-3901-1-CE	AmpliSens® BRCA1-FRT PCR kit. variant FRT-50 F			

Catalog Number	Product Name Corresponding AmpliSens kit		CE IVD compli-ance	IVDR class	IVDR status
ES4201B	**eSens BCR-ABL QT PCR kit**		RUO	Not relevant, formerly C	no recertification, CE IVD batch in stock, new batches to be RUO
	TR-O1(RG,iQ,Mx,A)-CE	AmpliSens® Leucosis-Quant M-bcr-FRT			
ES4300A	**eSens MRSA QT PCR kit**		CE IVD-D	C	legacy IVD
	R-B78-100-FT(RG,iQ)-CE	AmpliSens® MRSA-screen-titre-FRT			
ES4301A	**eSens MDR MBL QL PCR kit**		CE IVD-D	C	legacy IVD
	R-C1(RG,CFX)-CE	AmpliSens® MDR MBL-FRT PCR kit			
ES4302A	**eSens MDR KPC/OXA QL PCR kit**		CE IVD-D	C	legacy IVD
	R-C2(RG,CFX)-CE	AmpliSens® MDR KPC/OXA-48-FRT PCR kit			
ES4303A	**eSens MDR VRE QL PCR kit**		CE IVD-D	C	legacy IVD
	HN-3891-1-CE	AmpliSens® MDR VRE-FRT PCR kit, variant FRT-100 F			
ES4304A	**eSens MDR MCR-1 QL PCR kit**		CE IVD-D	C	legacy IVD
	HN-4171-1-CE	AmpliSens® MDR MCR-1-FRT PCR kit, variant FRT-100 F			

Download eSens product documents

Instructions for Use (IFU)
Declarations of Conformity

Visit ecolidx.com

Scan for documents

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