

Recent Publications

- 1:** Palacios G, Briese T, Kapoor V, Jabado O, Liu Z, Venter M, Zhai J, Renwick N, Grolla A, Geisbert TW, Drosten C, Towner J, Ju J, Paweska J, Nichol ST, Swanepoel R, Feldmann H, Jahrling PB, Lipkin WI.
MassTag polymerase chain reaction for differential diagnosis of viral hemorrhagic fever.
Emerg Infect Dis. 2006 Apr; 12(4):692-5.
- 2:** Formenty P, Leroy EM, Epelboin A, Libama F, Lenzi M, Sudeck H, Yaba P, Allarangar Y, Boumandouki P, Nkounkou VB, Drosten C, Grolla A, Feldmann H, Roth C.
Detection of Ebola virus in oral fluid specimens during outbreaks of Ebola virus hemorrhagic fever in the Republic of Congo.
Clin Infect Dis. 2006 Jun 1; 42(11):1521-6. Epub 2006 Apr 26.
- 3:** Drosten C, Panning M, Drexler JF, Hansel F, Pedroso C, Yeats J, de Souza Luna LK, Samuel M, Liedigk B, Lippert U, Sturmer M, Doerr HW, Brites C, Preiser W.
Ultrasensitive monitoring of HIV-1 viral load by a low-cost real-time reverse transcription-PCR assay with internal control for the 5' long terminal repeat domain.
Clin Chem. 2006 Jul; 52(7):1258-66. Epub 2006 Apr 20.
- 4:** Niedrig M, Meyer H, Panning M, Drosten C.
Follow-up on diagnostic proficiency of laboratories equipped to perform orthopoxvirus detection and quantification by PCR: the second international external quality assurance study.
J Clin Microbiol. 2006 Apr; 44(4):1283-7.
- 5:** Omilabu SA, Badaru SO, Okokhere P, Asogun D, Drosten C, Emmerich P, Becker-Ziaja B, Schmitz H, Gunther S.
Lassa fever, Nigeria, 2003 and 2004.
Emerg Infect Dis. 2005 Oct; 11(10):1642-4. No abstract available.
- 6:** Bae HG, Drosten C, Emmerich P, Colebunders R, Hantson P, Pest S, Parent M, Schmitz H, Warnat MA, Niedrig M.
Analysis of two imported cases of yellow fever infection from Ivory Coast and The Gambia to Germany and Belgium.
J Clin Virol. 2005 Aug; 33(4):274-80. Epub 2005 Jan 15.
- 7:** Chen L, Gui C, Luo X, Yang Q, Gunther S, Scandella E, Drosten C, Bai D, He X, Ludewig B, Chen J, Luo H, Yang Y, Yang Y, Zou J, Thiel V, Chen K, Shen J, Shen X, Jiang H.
Cinanserin is an inhibitor of the 3C-like proteinase of severe acute respiratory syndrome coronavirus and strongly reduces virus replication in vitro.
J Virol. 2005 Jun; 79(11):7095-103.
- 8:** Drosten C, Laabs J, Kuhn EM, Schottelius J.
Interspecies transmission of *Enterocytozoon bieneusi* supported by observations in laboratory animals and phylogeny.
Med Microbiol Immunol (Berl). 2005 Aug; 194(4):207-9. Epub 2005 Apr 30.

- 9:** Drosten C, Muller-Kunert E, Dietrich M, Gerdes J, Schmitz H.
Topographic and quantitative display of integrated human immunodeficiency virus-1 provirus DNA in human lymph nodes by real-time polymerase chain reaction.
J Mol Diagn. 2005 May; 7(2):219-25.
- 10:** Liu J, Lim SL, Ruan Y, Ling AE, Ng LF, Drosten C, Liu ET, Stanton LW, Hibberd ML.
SARS transmission pattern in Singapore reassessed by viral sequence variation analysis.
PLoS Med. 2005 Feb; 2(2):e43. Epub 2005 Feb 22.
- 11:** Vieth S, Drosten C, Charrel R, Feldmann H, Gunther S.
Establishment of conventional and fluorescence resonance energy transfer-based real-time PCR assays for detection of pathogenic New World arenaviruses.
J Clin Virol. 2005 Mar; 32(3):229-35.
- 12:** Drosten C, Doerr HW, Lim W, Stohr K, Niedrig M.
SARS molecular detection external quality assurance.
Emerg Infect Dis. 2004 Dec; 10(12):2200-3.
- 13:** Gunther S, Asper M, Roser C, Luna LK, Drosten C, Becker-Ziaja B, Borowski P, Chen HM, Hosmane RS.
Application of real-time PCR for testing antiviral compounds against Lassa virus, SARS coronavirus and Ebola virus in vitro.
Antiviral Res. 2004 Sep; 63(3):209-15.
- 14:** Giroglou T, Cinatl J Jr, Rabenau H, Drosten C, Schwalbe H, Doerr HW, von Laer D.
Retroviral vectors pseudotyped with severe acute respiratory syndrome coronavirus S protein.
J Virol. 2004 Sep; 78(17):9007-15.
- 15:** Schmitz H, Drosten C.
[Relevance of coronaviruses. The SARS example]
Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz. 2004 Jul; 47(7):647-52. Review. German.
- 16:** Charlier N, Molenkamp R, Leyssen P, Paeshuyse J, Drosten C, Panning M, De Clercq E, Bredenbeek PJ, Neyts J.
Exchanging the yellow fever virus envelope proteins with Modoc virus prM and E proteins results in a chimeric virus that is neuroinvasive in SCID mice.
J Virol. 2004 Jul; 78(14):7418-26.
- 17:** Lemmer K, Donoso Mantke O, Bae HG, Groen J, Drosten C, Niedrig M.
External quality control assessment in PCR diagnostics of dengue virus infections.
J Clin Virol. 2004 Aug; 30(4):291-6.
- 18:** Drosten C, Chiu LL, Panning M, Leong HN, Preiser W, Tam JS, Gunther S, Kramme S, Emmerich P, Ng WL, Schmitz H, Koay ES.
Evaluation of advanced reverse transcription-PCR assays and an alternative PCR target region for detection of severe acute respiratory syndrome-associated coronavirus.
J Clin Microbiol. 2004 May; 42(5):2043-7.

- 19:** Olson VA, Laue T, Laker MT, Babkin IV, Drosten C, Shchelkunov SN, Niedrig M, Damon IK, Meyer H.
Real-time PCR system for detection of orthopoxviruses and simultaneous identification of smallpox virus.
J Clin Microbiol. 2004 May; 42(5):1940-6.
- 20:** Niedrig M, Schmitz H, Becker S, Gunther S, ter Meulen J, Meyer H, Ellerbrok H, Nitsche A, Gelderblom HR, Drosten C.
First international quality assurance study on the rapid detection of viral agents of bioterrorism.
J Clin Microbiol. 2004 Apr; 42(4):1753-5.
- 21:** Schmidt M, Brixner V, Ruster B, Hourfar MK, Drosten C, Preiser W, Seifried E, Roth WK.
NAT screening of blood donors for severe acute respiratory syndrome coronavirus can potentially prevent transfusion associated transmissions.
Transfusion. 2004 Apr; 44(4):470-5.
- 22:** Asper M, Sternsdorf T, Hass M, Drosten C, Rhode A, Schmitz H, Gunther S. Links
Inhibition of different Lassa virus strains by alpha and gamma interferons and comparison with a less pathogenic arenavirus.
J Virol. 2004 Mar; 78(6):3162-9.
- 23:** Panning M, Asper M, Kramme S, Schmitz H, Drosten C.
Rapid detection and differentiation of human pathogenic orthopox viruses by a fluorescence resonance energy transfer real-time PCR assay.
Clin Chem. 2004 Apr; 50(4):702-8. Epub 2004 Feb 12.
- 24:** Drosten C, Nippraschk T, Manegold C, Meisel H, Brixner V, Roth WK, Apedjinou A, Gunther S.
Prevalence of hepatitis B virus DNA in anti-HBc-positive/HBsAg-negative sera correlates with HCV but not HIV serostatus.
J Clin Virol. 2004 Jan; 29(1):59-68.
- 25:** Berger A, Drosten Ch, Doerr HW, Sturmer M, Preiser W.
Severe acute respiratory syndrome (SARS)--paradigm of an emerging viral infection.
J Clin Virol. 2004 Jan; 29(1):13-22. Review.