



# Publications with GeneProof PCR Kits from Immunocompromised/Transplanted (Panel, Group)

## GeneProof Cytomegalovirus (CMV) PCR Kit

### Cytomegalovirus reactivation after autologous stem cell transplantation in myeloma and lymphoma patients: a single-center study

**Authors** Marchesi, Francesco; Pimpinelli, Fulvia; Gumenyuk, Svitlana; Renzi, Daniela; Palombi, Francesca; Pisani, Francesco; Romano, Atelda; Spadea, Antonio; Papa, Elena; Canfora, Marco;  
**Publication** 2015, Worldjournal of transplantation, vol. 5

### Calibration-free assays on standard real-time PCR devices.

**Authors** Debski, P. R., Gawartowski, K., Bajer, S., & Garstecki, P.  
**Publication** 2017, Scientific reports, 7, 44854. <https://doi.org/10.1038/srep44854>

### Evaluation of human cytomegalovirus antigen expression in invasive breast carcinoma in a population of Iranian patients

**Authors** Mohammadzadeh, F., & Mahmudi, F.  
**Publication** 2017, Infectious agents and cancer, 12, 39. <https://doi.org/10.1186/s13027-017-0148-3>

### Cytomegalovirus reactivation in liver transplant recipients due to hepatitis C cirrhosis is associated with higher cardiovascular risk - an observational, retrospective study

**Authors** Aguilera, Victoria; Di Maria, Tommaso; Conde, Isabel; Fornés-Ferrer, Victoria; Vinaixa, Carmen; Pallarés, Carmen; Carvalho-Gomes, Angela; Cubells, Almudena; García, María; Rubín, Ángel; Benlloch, Salvador; Gonzales- Dieguez, Luisa; Molina, Jose Miguel; Puchades, Lorena; Lopéz-Labrador, Xavier F.; Prieto, Martín; Berenguer, Marina  
**Publication** 2018, Transplant International, vol. 31

### Association between CMV and Invasive Fungal Infections After Autologous Stem Cell Transplant in Lymphoproliferative Malignancies: Opportunistic Partnership or Cause-Effect Relationship?

**Authors** Marchesi, Francesco; Pimpinelli, Fulvia; Di Domenico, Enea Gino; Renzi, Daniela; Gallo, Maria Teresa; Regazzo, Giulia; Rizzo, Maria Giulia; Gumenyuk, Svitlana; Toma, Luigi; Marino, Mirella; Cordone, Iole; Cantonetti, Maria; Liberati, Anna Maria; Montanaro, Marco; Ceribelli, Anna; Prignano, Grazia  
**Publication** 2019, International Journal of Molecular Sciences, vol. 20

### HERQ-9 Is a New Multiplex PCR for Differentiation and Quantification of All Nine Human Herpesviruses

**Authors** Pyöriä, L., Jokinen, M., Toppinen, M., Salminen, H., Vuorinen, T., Hukkanen, V., Schmotz, C., Elbasani, E., Ojala, P. M., Hedman, K., Välimaa, H., & Perdomo, M. F.  
**Publication** 2020, mSphere, 5(3), e00265-20. <https://doi.org/10.1128/mSphere.00265-20>

### Epstein-Barr Virus and Human Adenovirus Viremia in Renal Tumors Is Associated with Histological Features of Malignancy

**Authors** Kryst, P., Poletajew, S., Wyczałkowska-Tomasik, A., Gonczar, S., Wysocki, M., Kapuścińska, R., Krajewski, W., Zgliczyński, W., & Pączek, L.  
**Publication** 2020, Journal of clinical medicine, 9(10), 3195. <https://doi.org/10.3390/jcm9103195>

### BAL fluid analysis in the identification of infectious agents in patients with hematological malignancies and pulmonary infiltrates

**Authors** Zak, P., Vejrazkova, E., Zavrelava, A., Pliskova, L., Ryskova, L., Hubacek, P., Stepanova, V., Kostal, M., Koblizek, V., Paterova, P., & Radocha, J.  
**Publication** 2020, Folia microbiologica, 65(1), 109–120. <https://doi.org/10.1007/s12223-019-00712-4>

### Investigation of the effect of chemotherapy on cytomegalovirus reactivity in patients with solid organ tumors.

**Authors** Demirel A, Nur Pıllancı K, İnan N, İris NE, Baygöl A, Demir G, et al.  
**Publication** 2021, Eur Res J;7(1):38-43. DOI: 10.18621/eurj.573407



## The Limitations of Cytomegalovirus DNA Detection in Cerebrospinal Fluid of Newborn Infants With Congenital CMV Infection: A Tertiary Care Neonatal Center Experience.

**Authors** Czech-Kowalska, J., Jedlińska-Pijanowska, D., Kasztelewicz, B., Kłodzińska, M., Pietrzyk, A., Sarkaria, E., Dunin-Wąsowicz, D., Gradowska, K., Niezgoda, A., Gruszfeld, D., & Dobrzańska, A.  
**Publication** 2021, The Pediatric infectious disease journal, 40(9), 838–845. <https://doi.org/10.1097/INF.0000000000003205>

## Epstein-Barr virus may contribute to the pathogenesis of adult-onset recurrent respiratory papillomatosis: A preliminary study

**Authors** Formánek, M., Formánková, D., Hurník, P., Vrtková, A., & Komínek, P.  
**Publication** 2021, Clinical otolaryngology : official journal of ENT-UK ; official journal of Netherlands Society for Oto-Rhino-Laryngology & Cervico-Facial Surgery, 46(2), 373–379. <https://doi.org/10.1111/coa.13681>

## Herpesvirus infections in adenoids in patients with chronic adenotonsillar disease

**Authors** Ivaska, L. OOE., Silvonieni, A., Mikola, E., Puhakka, T., Waris, M., Vuorinen, T., & Jartti, T.  
**Publication** 2022, Journal of medical virology, 94(9), 4470–4477. <https://doi.org/10.1002/jmv.27818>

## Cross-Reactive Results in Serological Tests for Borreliosis in Patients with Active Viral Infections

**Authors** Wojciechowska-Koszko, I., Kwiatkowski, P., Sienkiewicz, M., Kowalczyk, M., Kowalczyk, E., & Dołęgowska, B.  
**Publication** 2022, Pathogens (Basel, Switzerland), 11(2), 203. <https://doi.org/10.3390/pathogens11020203>

## GeneProof Epstein-Barr Virus (EBV) PCR Kit

### High Viral Loads of Epstein-Barr Virus DNA in Peripheral Blood of Patients with Chronic Lymphocytic Leukemia Associated with Unfavorable Prognosis

**Authors** Grywalska, E., Roliński, J., Pasiarski, M., Korona-Głowniak, I., Maj, M., Surdacka, A., Grafka, A., Stelmach-Goldyś, A., Zgurski, M., Gózdź, S., Malm, A., Grabarczyk, P., & Starosławska, E.  
**Publication** 2015, PLoS one, 10(10), e0140178. <https://doi.org/10.1371/journal.pone.0140178>

### Does the Epstein–Barr Virus Play a Role in the Pathogenesis of Graves’ Disease?

**Authors** Korona-Głowniak, Izabela; Grywalska, Ewelina; Grzegorzczak, Agnieszka; Rolinski, Jacek; Głowniak, Andrzej; Malm, Anna  
**Publication** 2019, International Journal of Molecular Sciences, vol. 20

### Bacterial Colonization in Patients with Chronic Lymphocytic Leukemia and Factors Associated with Infections and Colonization

**Authors** Korona-Głowniak, Izabela; Grywalska, Ewelina; Grzegorzczak, Agnieszka; Rolinski, Jacek; Głowniak, Andrzej; Malm, Anna  
**Publication** 2019, Journal of Clinical Medicine, vol. 8

### HERQ-9 Is a New Multiplex PCR for Differentiation and Quantification of All Nine Human Herpesviruses

**Authors** Pyöriä, L., Jokinen, M., Toppinen, M., Salminen, H., Vuorinen, T., Hukkanen, V., Schmotz, C., Elbasani, E., Ojala, P. M., Hedman, K., Välimaa, H., & Perdomo, M. F.  
**Publication** 2020, mSphere, 5(3), e00265-20. <https://doi.org/10.1128/mSphere.00265-20>

### High CD200 Expression on T CD4+ and T CD8+ Lymphocytes as a Non-Invasive Marker of Idiopathic Pulmonary Hypertension-Preliminary Study

**Authors** Tomaszewski, M., Grywalska, E., Topyła-Putowska, W., Błaszczak, P., Kurzyna, M., Roliński, J., & Kopeć, G.  
**Publication** 2021, Journal of clinical medicine, 10(5), 950. <https://doi.org/10.3390/jcm10050950>



## Quantitative cytokine level of TNF- $\alpha$ , IFN- $\gamma$ , IL-10, TGF- $\beta$ and circulating Epstein-Barr virus DNA load in individuals with acute Malaria due to *P. falciparum* or *P. vivax* or double infection in a Malaria endemic region in Indonesia

**Authors** Budiningsih, I., Dachlan, Y. P., Hadi, U., & Middeldorp, J. M.

**Publication** 2021, PloS one, 16(12), e0261923. <https://doi.org/10.1371/journal.pone.0261923>

## Epstein-Barr virus may contribute to the pathogenesis of adult-onset recurrent respiratory papillomatosis: A preliminary study

**Authors** Formánek, M., Formánková, D., Hurník, P., Vrtková, A., & Komínek, P.

**Publication** 2021, Clinical otolaryngology : official journal of ENT-UK ; official journal of Netherlands Society for Oto-Rhino-Laryngology & Cervico-Facial Surgery, 46(2), 373–379. <https://doi.org/10.1111/coa.13681>

## The Clinical, Pathological, and Prognostic Value of High PD-1 Expression and the Presence of Epstein-Barr Virus Reactivation in Patients with Laryngeal Cancer

**Authors** Klatka, J., Szkatuła-Lupina, A., Hymos, A., Klatka, M., Mertowska, P., Mertowski, S., Grywalska, E., Charytanowicz, M., Błażewicz, A., Poniewierska-Baran, A., Bębnowska, D., & Niedźwiedzka-Rystwej, P.

**Publication** 2022, Cancers, 14(3), 480. <https://doi.org/10.3390/cancers14030480>

## Herpesvirus infections in adenoids in patients with chronic adenotonsillar disease

**Authors** Ivaska, L. OOE., Silvonieni, A., Mikola, E., Puhakka, T., Waris, M., Vuorinen, T., & Jartti, T.

**Publication** 2022, Journal of medical virology, 94(9), 4470–4477. <https://doi.org/10.1002/jmv.27818>

## Cross-Reactive Results in Serological Tests for Borreliosis in Patients with Active Viral Infections

**Authors** Wojciechowska-Koszko, I., Kwiatkowski, P., Sienkiewicz, M., Kowalczyk, M., Kowalczyk, E., & Dołęgowska, B.

**Publication** 2022, Pathogens (Basel, Switzerland), 11(2), 203. <https://doi.org/10.3390/pathogens11020203>

## GeneProof BK/JC Virus (BK/JC) PCR Kit

### Comparative evaluation of three nucleic acid-based assays for BK virus quantification

**Authors** Descamps, Veronique; Martin, Elodie; Morel, Virginie; François, Catherine; Helle, François; Duverlie, Gilles; Castelain, Sandrine; Brochet, Etienne;

**Publication** 2015, Journal of Clinical Microbiology, vol. 53

### JC polyomavirus replication and associated disease in pediatric renal transplantation: an international CERTAIN Registry study

**Authors** Höcker, Britta; Tabatabai, Julia; Schneble, Lukas; Oh, Jun; Thiel, Florian; Pape, Lars; Rusai, Krisztina; Topaloglu, Rezan; Kranz, Birgitta; Klaus, Günter; Printza, Nikoleta; Yavascan, Onder; Fichtner, Alexander; Krupka, Kai; Bruckner, Thomas; Waldherr, Rüdiger; Pawlita, Michael; Schnitzler, Paul; Hirsch, Hans H.; Tönshoff, Burkhard

**Publication** 2018, Pediatric Nephrology, vol. 33

### JC Virus Infection: A Clinical Conundrum

**Authors** Farooq, Hajra; Niazi, Saifullah Khan; Noor, Misbah; Ghani, Eljaz

**Publication** 2019, Journal of the College of Physicians and Surgeons Pakistan, vol. 29

### Immunosuppression, BK polyomavirus infections, and BK polyomavirus-specific T cells after pediatric kidney transplantation

**Authors** Ahlenstiel-Grunow, T., & Pape, L.

**Publication** 2020, Pediatric nephrology (Berlin, Germany), 35(4), 625–631. <https://doi.org/10.1007/s00467-019-04408-2>

### Epstein-Barr Virus and Human Adenovirus Viremia in Renal Tumors Is Associated with Histological Features of Malignancy

**Authors** Kryst, P., Poletajew, S., Wyczalkowska-Tomasik, A., Gonczar, S., Wysocki, M., Kapuścińska, R., Krajewski, W., Zgliczyński, W., & Pączek, L.

**Publication** 2020, Journal of clinical medicine, 9(10), 3195. <https://doi.org/10.3390/jcm9103195>

## Cross-Reactive Results in Serological Tests for Borreliosis in Patients with Active Viral Infections

**Authors** Wojciechowska-Koszko, I., Kwiatkowski, P., Sienkiewicz, M., Kowalczyk, M., Kowalczyk, E., & Dolegowska, B.

**Publication** 2022, Pathogens (Basel, Switzerland), 11(2), 203. <https://doi.org/10.3390/pathogens11020203>

## GeneProof Herpes Simplex Virus (HSV-1/2) PCR Kit

### A European multi-centre External Quality Assessment (EQA) study on phenotypic and genotypic methods used for Herpes Simplex Virus (HSV) drug resistance testing

**Authors** Afshar, Baharak; Bibby, David F.; Piorkowska, Renata; Ohemeng-Kumi, Natasha; Snoeck, Robert; Andrei, Graciela; Gillemot, Sarah; Morfin, Florence; Frobert, Emilie; Burrell, Sonia; Boutolleau, David; Crowley, Brendan; Mbisa, Jean L.

**Publication** 2017, Journal of Clinical Virology, vol. 96

## Antiviral effect of compounds derived from *Angelica archangelica* L. on Herpes simplex virus-1 and Coxsackievirus B3 infections

**Authors** Rajtar, Barbara; Skalicka-Woźniak, Krystyna; Świątek, Łukasz; Stec, Agnieszka; Boguszewska, Anastazja; Polz-Dacewicz, Małgorzata;

**Publication** 2017, Food and Chemical Toxicology

## Enhanced expression of IFI16 and RIG-I in human third-trimester placentas following HSV-1 infection

**Authors** Jablonska, A.; Studzińska, M.; Suski, P.; Kalinka, J.; Paradowska, E.

**Publication** 2018, Clinical and Experimental Immunology

## Herpes simplex virus resistant to acyclovir: a single centre experience from the Czech Republic

**Authors** Fajfr, Miroslav; Pliskova, Lenka; Bolehovská, Radka; Uhlířová, Zuzana; Vrbacký, Filip

**Publication** 2019, Journal of Global Antimicrobial Resistance

## BAL fluid analysis in the identification of infectious agents in patients with hematological malignancies and pulmonary infiltrates

**Authors** Zak, P.; Vejrazkova, E.; Zavrelova, A.; Pliskova, L.; Ryskova, L.; Hubacek, P.; Stepanova, V.; Kostal, M.; Koblizek, V.; Paterova, P.; Radocha, J.

**Publication** 2019, Folia Microbiologica

## LC-ESI-QTOF-MS/MS Analysis, Cytotoxic, Antiviral, Antioxidant, and Enzyme Inhibitory Properties of Four Extracts of *Geranium pyrenaicum* Burm. f.: A Good Gift from the Natural Treasure.

**Authors** Świątek, Ł., Sieniawska, E., Sinan, K. I., Maciejewska-Turska, M., Boguszewska, A., Polz-Dacewicz, M., Senkardes, I., Guler, G. O., Bibi Sadeer, N., Mahomoodally, M. F., & Zengin, G.

**Publication** 2021, International journal of molecular sciences, 22(14), 7621. <https://doi.org/10.3390/ijms22147621>

## Epstein-Barr virus may contribute to the pathogenesis of adult-onset recurrent respiratory papillomatosis: A preliminary study

**Authors** Formánek, M., Formánková, D., Hurník, P., Vrtková, A., & Komínek, P.

**Publication** 2021, Clinical otolaryngology : official journal of ENT-UK ; official journal of Netherlands Society for Oto-Rhino-Laryngology & Cervico-Facial Surgery, 46(2), 373–379. <https://doi.org/10.1111/coa.13681>

## GeneProof Varicella-Zoster Virus (VZV) PCR Kit

### **Diagnostic Usefulness of Varicella-Zoster Virus Real-Time Polymerase Chain Reaction Analysis of DNA in Saliva and Plasma Specimens From Patients With Herpes Zoster**

**Authors** Park, Seong Yeon; Kim, Ji Yeun; Kim, Ji-Ae; Kwon, Jo-Soo; Kim, Sun-Mi; Jeon, Na Young; Kim, Min-Chul; Chong, Yong Pil; Lee, Sang-Oh; Choi, Sang-Ho; Kim, Yang Soo; Woo, Jun Hee; Kim, Sung-Han  
**Publication** 2018, The Journal of Infectious Diseases, vol. 217

### **Successful Treatment of Fulminant Hepatitis due to Varicella Zoster Virus using Immunoglobulin in a Kidney-Transplant Patient**

**Authors** Hsing, Li-Chang; Kim, Ji Yeun; Kwon, Ji-Soo; Shin, Eui-Cheol; Kim, Sung-Han  
**Publication** 2018, Infection and Chemotherapy, vol. 50

### **Relationships of Varicella-Zoster Virus (VZV)-specific cell-mediated immunity and persistence of VZV DNA in saliva and the development of postherpetic neuralgia in patients with herpes zoster**

**Authors** Park, Seong Yeon; Kim, Ji Yeun; Kwon, Ji-Soo; Jeon, Na Young; Kim, Min-Chul; Chong, Yong-Pil; Lee, Sang-Oh; Choi, Sang-Ho; Kim, Yang Soo; Woo, Jun Hee; Kim, Sung-Han  
**Publication** 2019, Journal of Medical Virology

### **Varicella zoster virus (VZV)-specific immunity and subclinical VZV reactivation in patients with autoimmune diseases**

**Authors** Lee, K. H., Choi, S., Kwon, J. S., Kim, S. H., & Park, S. Y.  
**Publication** 2021, The Korean journal of internal medicine, 36(4), 992–1000. <https://doi.org/10.3904/kjim.2020.672>

### **Epstein-Barr virus may contribute to the pathogenesis of adult-onset recurrent respiratory papillomatosis: A preliminary study**

**Authors** Formánek, M., Formánková, D., Hurník, P., Vrtková, A., & Komínek, P.  
**Publication** 2021, Clinical otolaryngology : official journal of ENT-UK ; official journal of Netherlands Society for Oto-Rhino-Laryngology & Cervico-Facial Surgery, 46(2), 373–379. <https://doi.org/10.1111/coa.13681>

## GeneProof BK Virus (BKV) PCR Kit

### **Comparative Evaluation of Three Nucleic Acid-Based Assays for BK Virus Quantification**

**Authors** Descamps, V., Martin, E., Morel, V., François, C., Helle, F., Duverlie, G., Castelain, S., & Brochot, E.  
**Publication** 2015, Journal of clinical microbiology, 53(12), 3822–3827. <https://doi.org/10.1128/JCM.02116-15>

### **Patient risk stratification and tailored clinical management of post-transplant CMV-, EBV-, and BKV-infections by monitoring virus-specific T-cell immunity**

**Authors** Papadopoulou, A., Koukoulas, K., Alvanou, M., Papadopoulos, V. K., Bousiou, Z., Kalaitzidou, V., Kika, F. S., Papalexandri, A., Mallouri, D., Batsis, I., Sakellari, I., Anagnostopoulos, A., & Yannaki, E.  
**Publication** 2021, EJHaem, 2(3), 428–439. <https://doi.org/10.1002/jha2.175>

## GeneProof JC Virus (JCV) PCR Kit

### **JC polyomavirus replication and associated disease in pediatric renal transplantation: an international CERTAIN Registry study**

**Authors** Höcker, B., Tabatabai, J., Schneble, L., Oh, J., Thiel, F., Pape, L., Rusai, K., Topaloglu, R., Kranz, B., Klaus, G., Printza, N., Yavascau, O., Fichtner, A., Krupka, K., Bruckner, T., Waldherr, R., Pawlita, M., Schnitzler, P., Hirsch, H. H., & Tönshoff, B.  
**Publication** 2018, Pediatric nephrology (Berlin, Germany), 33(12), 2343–2352. <https://doi.org/10.1007/s00467-018-4029-9>



## Detection of Epstein–Barr Virus and JC Polyomavirus in Gastric Cancer Tissue by Quantitative Real Time PCR

**Authors** Asmaa B. Al-obaidi<sup>1</sup>, Bashar A. Abdulhassan<sup>2</sup>, Dalya B. Hanna<sup>1</sup>, Noora M. Kareem<sup>3</sup>, Haidar A. Shamran<sup>4</sup>.

**Publication** 2020, Medico Legal Update, 20(4), 751–756. <https://doi.org/10.37506/mlu.v20i4.1910>