

### **Whole Blood**

Arons E, Sorbara L, Raffeld M, Stetler-Stevenson M, Steinberg SM, Liewehr DJ, Pastan I, Kreitman RJ. Characterization of T-cell repertoire in hairy cell leukemia patients before and after recombinant immunotoxin BL22 therapy. *Cancer Immunology, Immunotherapy*. 2006 Sep;55(9):1100-10.  
<http://www.ncbi.nlm.nih.gov/pubmed/16311729>

Babu PG, Gnanamuthu C, Saraswathi NK, Nerurkar V, Yanagihara R, John TJ. *AIDS Research and Human Retroviruses*. June 1993, 9(6): 499-500.  
<http://online.liebertpub.com/doi/abs/10.1089/aid.1993.9.499>

Gwaltney S, Oberst R. Comparison of an improved polymerase chain reaction protocol and the indirect hemagglutination assay in the detection of *Eperythrozoon suis* infection. *Journal of Veterinary Diagnostics*. 1994 July;6:321-325  
<http://vdi.sagepub.com/content/6/3/321.full.pdf>

Hutchin T, Haworth I, Higashi K, Fischel-Ghodsian N, Stoneking M, Saha N, Arnos C, Cortopassi G. A molecular basis for human hypersensitivity to aminoglycoside antibiotics. *Nucleic Acids Res*. 1993 Sep 11;21(18):4174-9.  
<http://www.ncbi.nlm.nih.gov/pubmed/8414970>

Kramvis A, Bukofzer S, Kew MC. Comparison of hepatitis B virus DNA extractions from serum by the QIAamp blood kit, GeneReleaser, and the phenol-chloroform method. *Journal of Clinical Microbiology*. 1996 Nov;34(11):2731-3.  
<http://www.ncbi.nlm.nih.gov/pubmed/8897174>

Nerurkar VR, Babu GP, Song K, Melland RR, Gnanamuthu C, Saraswathi NK, Chandy M, Godec MS, John TJ, Yanagihara R. Sequence analysis of human T cell lymphotropic virus type I strains from southern India: gene amplification and direct sequencing from whole blood blotted on filter paper. *Journal of General Virology*. 1993;74;2799- 2805.  
<http://vir.sgmjournals.org/content/74/12/2799.full.pdf>

Nerurkar VR, Nguyen HT, Dashwood WM, Hoffmann PR, Yin C, Morens DM, Kaplan AH, Detels R, Yanagihara R. HIV type 1 subtype E in commercial sex workers and injection drug users in southern Vietnam. *AIDS Research Human Retroviruses*. 1996 Jun 10;12(9):841-3.  
[http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Retrieve&list\\_uids=8738437&dopt=abstractplus](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Retrieve&list_uids=8738437&dopt=abstractplus)

Tagliaferro L , Corbelli M , Maietta G , Pellegrino V , Pignatelli P . Use of a rapid and simple method to extract proviral DNA in the identification of HIV-1 by PCR. *New Microbiol* 1995 Jul;18 (3): 303-6.

### **Fresh & Formalin Fixed Paraffin Embedded Tissue**

Annis SL, Dastoor FP, Ziel H, Daszak P, Longcore JE. A DNA-based assay identifies *Batrachochytrium dendrobatidis* in amphibians. *Journal of Wildlife Diseases*. 2004 Jul;40(3):420-8.  
<http://www.ncbi.nlm.nih.gov/pubmed/15465708>

Baker C S, Palumbi S R. Which Whales are Hunted? A Molecular Genetic Approach to Monitoring Whaling. *Science*. 1994 Sept;265(5178):1538-1539. \*In the references and notes section

[http://www.soest.hawaii.edu/oceanography/courses\\_html/OCN331/Baker%26Palumbi.pdf](http://www.soest.hawaii.edu/oceanography/courses_html/OCN331/Baker%26Palumbi.pdf)

Barry TS, Jaffe ES, Sorbara L, Raffeld M, Pittaluga S. Peripheral T-cell lymphomas expressing CD30 and CD15. *Am J Surg Pathol*. 2003 Dec;27(12):1513-22.

<http://www.ncbi.nlm.nih.gov/pubmed/14657710>

Bryant-Greenwood P, Sorbara L, Filie A, Little R, Yarchoan R, Wilson W, Raffeld M, Abati A. Infection of mesothelial cells with human herpes virus 8 in Human Immunodeficiency Virus-infected patients with Kaposi's Sarcoma, Castleman's disease, and recurrent pleural effusions. *Mod Pathol*. 2003 Feb;16(2):145-53.

<http://www.ncbi.nlm.nih.gov/pubmed/12591967>

Flore O, Rafii S, Ely S, O'Leary JJ, Hyjek EM, Cesarman E. Transformation of primary human endothelial cells by Kaposi's sarcoma-associated herpesvirus. *Nature*. 1998 Aug;394(6693):588-92.

<http://www.ncbi.nlm.nih.gov/pubmed/9707121>

Hunt DM, Dulai KS, Bowmaker JK, Mollon JD. The Chemistry of John Dalton's Color Blindness. *Science*. 1995 Feb;267:984-988. \*In the references and notes section

<http://vision.psychol.cam.ac.uk/jdmollon/papers/DaltonsEye.pdf>

Ireland DC, Binopal YS. Improved detection of capripoxvirus in biopsy samples by PCR. *Journal of Virological Methods*. 1998 Sep;74(1):1-7.

<http://www.ncbi.nlm.nih.gov/pubmed/9763122>

Kojima S, Segawa R, Fujiwara Y, Fujikura K, Ohta S, Hashimoto J. Phylogeny of hydrothermal-vent-endemic gastropods *Alviniconcha* spp. from the western Pacific revealed by mitochondrial DNA sequences. *The Biological Bulletin*. 2001 Jun;200(3):298-304.

<http://www.ncbi.nlm.nih.gov/pubmed/11441972>

Nakata B, Wang YQ, Yashiro M, Nishioka N, Tanaka H, Ohira M, Ishikawa T, Nishino H, Hirakawa K. Prognostic value of microsatellite instability in resectable pancreatic cancer. *Clinical Cancer Research*. 2002 Aug;8(8):2536-40.

<http://www.ncbi.nlm.nih.gov/pubmed/12171881>

Sorbara L, Dieffenbach S, Pham T, Pham TH, Pittaluga S, Jaffe ES, Raffeld M. A simple one-tube method for DNA isolation and polymerase chain reaction of fresh paraffin-embedded tissue. Presented at the US and Canada Academy of Pathology Conference. 2005.

Taddesse-Heath L, Feldman J, Fahle G, Fischer S, Sorbara L, Raffeld M, Jaffe E. Florid CD4+, CD56+ T-cell infiltrate associated with Herpes Simplex infection simulating nasal NK-/T-cell lymphoma. *Mod Pathol*. 2003 Feb;16(2):166-72.

<http://www.ncbi.nlm.nih.gov/pubmed/12591970>

Taddesse-Heath L, Pittaluga S, Sorbara L, Bussey M, Raffeld M, Jaffe ES. Marginal zone B-cell lymphoma in children and young adults. *Am J Surg Pathol*. 2003 Apr;27(4):522-31.

<http://www.ncbi.nlm.nih.gov/pubmed/12657939>

Toledo LF, Haddad CFB, Carnaval ACOQ, Britto FB. A Brazilian anuran (*Hylodes magalhaesi*: Leptodactylidae) infected by *Batrachochytrium dendrobatidis*: a conservation concern. *Amphibian and Reptile Conservation* 2006; 4(1):17-21.

<http://www.jcu.edu.au/school/phtm/PHTM/frogs/papers/toledo-2006.pdf>

Traverse-Glehen A, Pittaluga S, Gaulard P, Sorbara L, Alonso M, Raffeld M, Jaffe E. Mediastinal gray zone lymphoma: the missing link between classic Hodgkin's lymphoma and mediastinal large B-cell lymphoma. *Am J Surg Pathol.* 2005 Nov;29(11):1411-21.  
<http://www.ncbi.nlm.nih.gov/pubmed/16224207>

### **Cerebrospinal Fluid and Synovial Fluid**

Ley B, Linton CJ, Longhurst S, Jalal H, Millar M. Eubacterial approach to the diagnosis of bacterial infection. *Archive of Disease in Childhood* 1997;77:148-149.  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1717288/>

Mattu R, Sorbara L, Filie AC, Little R, Wilson W, Raffeld M, Abati A. Utilization of polymerase chain reaction on archival cytologic material: a comparison with fresh material with special emphasis on cerebrospinal fluids. *Modern Pathology* 2004;17: 1295–1301.  
<http://www.ncbi.nlm.nih.gov/pubmed/15195110>

### **Bronchoalveolar Lavage and Sputum**

Amicosante M, Richeldi L, Trenti G, Paone G, Campa M, Bisetti A, Saltini C. Inactivation of polymerase inhibitors for Mycobacterium tuberculosis DNA amplification in sputum by using capture resin. *J Clin Microbiol.* 1995 Mar;33(3):629-30.  
<http://www.ncbi.nlm.nih.gov/pubmed/7751368>

Rabodonirina M, Raffenot D, Cotte L, Boibieux A, Mayençon M, Bayle G, Persat F, Rabatel F, Trepo C, Peyramond D, Piens MA. Rapid detection of Pneumocystis carinii in bronchoalveolar lavage specimens from human immunodeficiency virus-infected patients: use of a simple DNA extraction procedure and nested PCR. *Journal of Clinical Microbiology.* 1997 Nov;35(11):2748-51.  
<http://www.ncbi.nlm.nih.gov/pubmed/9350726>

Wolff FH, Fuchs SC, Brandao, ABM. Absence of occult hepatitis B among blood donors in southern Brazil. *Braz J Infect Dis* [online]. 201;15(2):159-162.  
[http://www.scielo.br/scielo.php?script=sci\\_arttext&pid=S1413-86702011000200012](http://www.scielo.br/scielo.php?script=sci_arttext&pid=S1413-86702011000200012)

Yamamoto G, Shirakawa T, Nishiyama K. Studies on the Elimination of PCR-Inhibitors in Clinical Materials and Direct Detection of Mycobacterium Tuberculosis DNA by an Anion Binding Resin. *Kobe Daigaku Igakubu Hoken Gakka Kiyo* 1998 (14): 125-129.  
<http://sciencelinks.jp/j-east/display.php?id=000019991499A0295562>

### **Dental Plaque, Saliva and Throat Swabs**

Dewhirst FE, Paster BJ, Tzellas N, Coleman B, Downes J, Spratt DA, Wade WG. Characterization of novel human oral isolates and cloned 16S rDNA sequences that fall in the family Coriobacteriaceae: description of *Olsenella* gen. nov., reclassification of *Lactobacillus uli* as *Olsenella uli* comb. nov. and description of *Olsenella profusa* sp. nov. *International Journal of Systematic and Evolutionary Microbiology* 2001;51:1797–1804.

Tanner AC, Mathney JM, Kent RL, Chalmers NI, HughesCV, Loo CY, Pradhan N, Kanasi E, Hwang J, Dahlan MA, Papadopoulou E, Dewhirst FE. Cultivable Anaerobic Microbiota of Severe Early Childhood Caries. *Journal of Clinical Microbiology* 2011 April. April; 49 (4):1464-1474.  
<http://jcm.asm.org/content/49/4/1464.full>

## **Semen**

Cabrera M, Chan PJ, Kalugdan TH, King A. **Transfection of the inner cell mass and lack of a unique DNA sequence affecting the uptake of exogenous DNA by sperm as shown by dideoxy sequencing analogues.** *J Assist Reprod Genet.* 1997 Feb;14(2):120-4. <http://www.ncbi.nlm.nih.gov/pubmed/9048243>

## **Soil and Plant Tissue**

Barth C, Conklin PL. The lower cell density of leaf parenchyma in the *Arabidopsis thaliana* mutant *lcd1-1* is associated with increased sensitivity to ozone and virulent *Pseudomonas syringae*. *The Plant Journal* 2003; 35: 206-218.

[http://www.as.wvu.edu/~cbarth/Barth%20and%20Conklin%202003%20Plant%20J%2035%20p206\\_218.pdf](http://www.as.wvu.edu/~cbarth/Barth%20and%20Conklin%202003%20Plant%20J%2035%20p206_218.pdf)

Levy L, Lee IM, Hadidi A. Simple and rapid preparation of infected plant tissue extracts for PCR amplification of virus, viroid, and MLO nucleic acids. *J Virol Methods.* 1994 Oct;49(3):295-304.

<http://www.ncbi.nlm.nih.gov/pubmed/7868647>

Lozano L, Bautista M, Dussan J, Vivez-Florez M. DNA extraction from heavy oil contaminated microcosms and RPOB Gene PCR amplification. *Actual Biol.* 2008 June;30(888):7-14.

[http://www.scielo.unal.edu.co/scielo.php?script=sci\\_arttext&pid=S0304-35842008000100002&lng=pt&nrm=](http://www.scielo.unal.edu.co/scielo.php?script=sci_arttext&pid=S0304-35842008000100002&lng=pt&nrm=)

Sikorski J, Teschner N, and Wackernagel W. Highly Different Levels of Natural Transformation Are Associated with Genomic Subgroups within a Local Population of *Pseudomonas stutzeri* from Soil. *Applied and Environmental Microbiology.* 2002 February; 68(2): 865–873.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC126724/>

Sikorski J, Stackebrandt E, and Wackernagel W. *Pseudomonas kilonensis* sp. nov., a bacterium isolated from agricultural soil. *International Journal of Systematic and Evolutionary Microbiology* 2001:1549–1555.

<http://ijs.sgmjournals.org/content/51/4/1549.full.pdf>

Youssef SA, Shalaby AA, Mazyad, HM, Hadidi, A. Detection and identification of prune dwarf virus and plum pox virus by standard and multiplex RT-PCR probe capture hybridization (RT-PCR-ELIZA). *Journal of Plant Pathology* 2002; 84(2):113-119.

<http://www.sipav.org/main/jpp/volumes/0202/020205.pdf>

## **Mycobacterium tuberculosis**

Linton CJ, Jalal H, Leeming JP, Millar MR. Rapid discrimination of *Mycobacterium tuberculosis* strains by random amplified polymorphic DNA analysis. *Journal of Clinical Microbiology* 1994 Sep;32(9):2169-74.

<http://www.ncbi.nlm.nih.gov/pubmed/7814542>

## **Yeast & Culture Broth**

Dewhirst FE, Fox JG, Mendes EN, Paster BJ, Gates CE, Kirkbride CA, Eaton KA. ‘*Flexispira rappini*’ strains represent at least 10 *Helicobacter* taxa. *International Journal of Systematic and Evolutionary Microbiology* 2000; 50: 1781–1787.

<http://ijs.sgmjournals.org/content/50/5/1781.full.pdf>

Linton CJ, Jalal H, Leeming JP, Millar MR. Rapid discrimination of Mycobacterium tuberculosis strains by random amplified polymorphic DNA analysis. *Journal of Clinical Microbiology* 1994 Sep;32(9):2169-74.  
<http://www.ncbi.nlm.nih.gov/pubmed/7814542>

Shangkuan YH, Lin HC. Application of random amplified polymorphic DNA analysis to differentiate strains of Salmonella typhi and other Salmonella species. *Journal of Applied Microbiology*. 1998 Oct;85(4):693-702.  
<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2672.1998.00582.x/full>

### **Mouse Tail & Tissue**

Graham B, Peter R, Schofield P, Sah P, Margrie T, Callister R. Distinct Physiological Mechanisms Underlie Altered Glycinergic Synaptic Transmission in the Murine Mutants spastic, spasmodic, and oscillator. *The Journal of Neuroscience* 2006 May; 26(18):4880-4890.  
<http://www.jneurosci.org/content/26/18/4880.full.pdf>

Kamsler A, Daily D, Hochman A, Stern N, Shiloh Y, Rotman G, Barzilai A. Increased Oxidative Stress in Ataxia Telangiectasia Evidenced by Alterations in Redox State of Brains from Atm-deficient Mice. *Cancer Research* 2001 March; 61:1849 –1854.  
<http://cancerres.aacrjournals.org/content/61/5/1849.full.pdf>

Oravec-Wilson K, Philips ST, Yilmaz OH, Ames HM, Li L, Crawford BD, Gauvin AM, Lucas PC, Sitwala K, Downing JR, Morrison SJ, Ross TS. Persistence of Leukemia-Initiating Cells in a Conditional Knockin Model of an Imatinib-Responsive Myeloproliferative Disorder. *Cancer Cell* 2009 August 4; 16(2): 137–148.  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2763369/>

Stern N, Hochman A, Zemach N, Weizman N, Hammel I, Shiloh Y, Rotman G, Barzilai A. Accumulation of DNA Damage and Reduced Levels of Nicotine Adenine Dinucleotide in the Brains of Atm-deficient Mice. *The Journal of Biological Chemistry* 2002 January; 277:602-608.  
<http://www.jbc.org/content/277/1/602.full>

### **Fecal Specimens**

Haug A, Thebo P, Mattsson JG. **A simplified protocol for molecular identification of Eimeria species in field samples.** *Vet Parasitol.* 2007 May 15;146(1-2):35-45. Epub 2007 Mar 26.

Stone GG, Oberst RD, Hays MP, McVey S, Chengappa MM. Detection of Salmonella serovars from clinical samples by enrichment broth cultivation-PCR procedure. *J Clin Microbiol.* 1994 July; 32(7): 1742-1749.  
<http://jcm.asm.org/cgi/content/short/32/7/1742>

Stone GG, Oberst RD, Hays MP, McVey S, Galland JC, Curtiss R, Kelly SM, Chengappa MM. Detection of Salmonella typhimurium from Rectal Swabs of Experimentally Infected Beagles by Short Cultivation and PCR-Hybridization. *Journal of Clinical Microbiology* 1995;33(5):1292-1295  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC228148/pdf/331292.pdf>

### **Water & Milk**

Bensalah F, Flores M, Mouats A. A rapid PCR based method to distinguish between Enterococcus species by using degenerate and species-specific sodA gene primers. *African Journal of Biotechnology* (2006) May:5(9), 697-702.

<http://www.academicjournals.org/AJB/abstracts/abs2006/2May/Farid%20et%20al.htm>

Jiang J, Alderisio K, Singh A, Xiao L. Development of Procedures for Direct Extraction of *Cryptosporidium* DNA from Water Concentrates and for Relief of PCR Inhibitors. *Appl Environ Microbiol.* 2005 March; 71(3): 1135–1141.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1065175/>

### **Semen**

Cabrera M, Chan PJ, Kalugdan TH, King A. Transfection of the inner cell mass and lack of a unique DNA sequence affecting the uptake of exogenous DNA by sperm as shown by dideoxy sequencing analogues. *J Assist Reprod Genet.* 1997 Feb;14(2):120-4.

### **Whole Organisms**

Schizas NV, Street GT, Coull BC, Chandler GT, Quattro JM. An efficient DNA extraction method for small metazoans. *Mol Mar Biol Biotechnol.* 1997 Dec;6(4):381-3.

<http://www.ncbi.nlm.nih.gov/pubmed/9418295>

### **RT-PCR**

Parakh DR, Shamloul AM, Hadidi A, Waterworth HE, Scott SW, Howell HE, Mink GI. Detection of Prune Dwarf Ilarvirus from Infected Stone Fruits Using Reverse-Transcription-Polymerase Chain Reaction. XVI International Symposium on Fruit Tree Virus diseases. July 1995.

[http://www.actahort.org/books/386/386\\_58.htm](http://www.actahort.org/books/386/386_58.htm)

Shamloul AM, Hadidi A, Zhu SF, Singh RP, Sagredo B. Sensitive detection of potato spindle tuber viroid using RT-PCR and identification of an viroid variant naturally infecting pepino plants. *Canadian Journal of Plant Pathology.* 1997, 19(1):89-96.