

# Latex

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; latex is used in Rubber production Latex refers generically to a stable dispersion of polymer microparticles in an aqueous medium. Latexes may be natural or synthetic. Latex as found in nature is the milky sap of many plants that coagulates on exposure to air. It is a complex emulsion in which proteins, alkaloids, starches, sugars, oils, tannins, resins and gums are found. In most plants, latex is white, but some have yellow, orange, or scarlet latex. The word is also used to refer to natural latex rubber; particularly for non-vulcanized rubber. Such is the case in products like latex condoms and latex clothing. It can also be made synthetically by polymerizing a monomer that has been emulsified with surfactants. ([From the Wikipedia article Latex.](#))



## Recent Publications on Latex:

- [Quality of life in health care workers with latex allergy.](#)  
*BACKGROUND: Exposure to latex gloves and glove powder makes health care...* 11th November, 2009  
Occupational Health Department, Cork University Hospital, Cork, Ireland.- *Occup Med (Lond)*. 2009 Nov 9. ([DOI Direct Link](#))
- [Effects of diterpenes from latex of Euphorbia lactea and Euphorbia laurifolia on human immunodeficiency virus type 1 reactivation.](#)  
*The persistence of latent HIV-infected cellular reservoirs represents the...* 10th November, 2009  
Grupo de Quimica Organica de Productos Naturales, Instituto de Quimica,- *Phytochemistry*. 2009 Nov 6. ([DOI Direct Link](#))
- [Occurrence of Escherichia coli O157:H7 in faeces, skin and carcasses from sheep and goats in Ethiopia.](#)  
*Abstract Aims: To determine the occurrence and proportion of Escherichia...* 10th November, 2009  
Department of Veterinary Microbiology and Public Health, Faculty of- *Lett Appl Microbiol*. 2009 Oct 15. ([DOI Direct Link](#))
- [Preparation and using phantom lesions to practice fine needle aspiration biopsies.](#)  
*Currently, health workers including residents and fellows do not have a...* 7th November, 2009  
Department of Pathology,- *J Vis Exp*. 2009 Sep 29;(31). pii: 1404. doi: 10.3791/1404. ([DOI Direct Link](#))
- [Features of bacterial growth and polysaccharide production of Streptococcus pneumoniae serotype 14.](#)  
*The effect of several cultivation conditions on the kinetics of bacterial...* 7th November, 2009  
- *Biotechnol Appl Biochem*. 2009 Nov 5. ([DOI Direct Link](#))
- [Ultrasound-anatomic correlation of the peripheral nerves of the upper limb.](#)  
*BACKGROUND: Sonography allows good visualization of the peripheral nerves...* 6th November, 2009  
Department of Radiology (CDIC), Hospital Clinic de Barcelona,- *Surg Radiol Anat*. 2009 Nov 5. ([DOI Direct Link](#))
- [Use of Latex-Free Elastic Bandage to Simulate Flap Mechanics.](#)  
*The authors have indicated no significant interest with commercial...* 6th November, 2009

- Department of Dermatology, Drexel University College of Medicine,- Dermatol Surg. 2009 Nov 4. ([DOI Direct Link](#))
- [beta\(1\)-integrin mediates pressure-stimulated phagocytosis.](#)  
*BACKGROUND: Extracellular pressure alterations in infection, inflammation,...*6th November, 2009  
Department of Surgery, John D Dingell VA Medical Center, Detroit, MI, USA.- Am J Surg. 2009 Nov;198(5):611-6. ([DOI Direct Link](#))
  - [Benghalensin, a Highly Stable Serine Protease from the Latex of Medicinal Plant Ficus benghalensis.](#)  
*A serine protease was purified to homogeneity from the latex of medicinal...*6th November, 2009  
Molecular Biology Unit, Institute of Medical Sciences, Banaras Hindu- J Agric Food Chem. 2009 Nov 3. ([DOI Direct Link](#))
  - [\[Evaporation of selected cytotoxic drugs and permeation of protective gloves--research into the occupational risks of health care personnel handling hazardous cytotoxic drugs \(CYTO project\)\]](#)  
*BACKGROUNDS: The CYTO project studies an important aspect of healthcare...*6th November, 2009  
Ustavni lekarna, Masarykuv- Klin Onkol. 2009;22(5):218-22.
  - [Antimicrobials effective for inhibition of enterohaemorrhagic Escherichia coli strains O26, O111, and O157 and their effects on Shiga toxin releases.](#)  
*Susceptibilities of major enterohaemorrhagic Escherichia coli (EHEC)...*4th November, 2009  
- J Microbiol Biotechnol. 2009 Oct;19(10):1238-43.
  - [Stable optical trapping of latex nanoparticles with ultrashort pulsed illumination.](#)  
*Here we report how ultrafast pulsed illumination at low average power...*3rd November, 2009  
Department of Chemistry, Indian Institute of Technology , Kanpur- Appl Opt. 2009 Nov 1;48(31):G33-7. doi: 10.1364/AO.48.000G33.
  - [Patients monosensitized to Hev b 8 \(Hevea brasiliensis latex profilin\) may safely undergo major surgery in a normal \(non-latex safe\) environment.](#)  
*BACKGROUND: Natural rubber latex allergy is a condition at high risk of...*3rd November, 2009  
Servizio di Allergologia, Ospedale di Faenza, Faenza (FO), Italy- Eur Ann Allergy Clin Immunol. 2009 Aug;41(4):112-6.
  - [Potential of laticifer fluids for inhibiting Aedes aegypti larval development: evidence for the involvement of proteolytic activity.](#)  
*It has been shown previously that the laticifer fluid of Calotropis...*31st October, 2009  
Departamento de Biologia, Universidade Federal do Ceara, Fortaleza, CE,- Mem Inst Oswaldo Cruz. 2009 Sep;104(6):805-12.
  - [Phagocytosis by B-cells and neutrophils in Atlantic salmon \(Salmo salar L.\) and Atlantic cod \(Gadus morhua L.\).](#)  
*Phagocytosis by fish cells has mostly been studied using adherent...*31st October, 2009  
Department of Biology, University of Bergen, Bergen High-Technology- Fish Shellfish Immunol. 2009 Oct 27. ([DOI Direct Link](#))

## BioNews Results for Latex

- [Drug company warns of contamination](#)  
*I Stock Analyst: Nov 14 2009 7:38AM Matching: latex*
- [Steel, rubber found in some Genzyme drugs](#)  
*Yahoo! Canada: Nov 14 2009 3:03AM Matching: latex*
- [Some genetic drugs impure](#)  
*Chicago Tribune: Nov 14 2009 2:31AM Matching: latex*
- [FDA Warns of Genzyme Product Contamination](#)  
*BioPharm International: Nov 14 2009 2:21AM Matching: latex*
- [Vials of 5 Genzyme Drugs for Rare Diseases May Be Contaminated, F.D.A. Says](#)  
*New York Times: Nov 14 2009 2:09AM Matching: latex*

- [Drug company warns of contamination](#)  
*UPI: Nov 14 2009 2:04AM Matching: latex*
- [Drug company warns of contamination](#)  
*TradingMarkets: Nov 14 2009 1:54AM Matching: latex*
- [Drug company warns of contamination](#)  
*StockHouse USA: Nov 14 2009 1:54AM Matching: latex*
- [FDA warns five Genzyme drugs contaminated](#)  
*Houston Business Journal: Nov 14 2009 1:18AM Matching: latex*
- [Chiropractor launches first eco-luxe neck pillow](#)  
*Chiropractic Economics: Nov 14 2009 12:46AM Matching: latex*
- [Five Genzyme drugs contaminated; stock plummets](#)  
*Mass High Tech: Nov 14 2009 12:35AM Matching: latex*
- [UPDATE 4-Steel, rubber found in some Genzyme drugs](#)  
*FinanzNachrichten.de: Nov 14 2009 12:31AM Matching: latex*
- [FDA Warns of Contamination in Drugs for Rare Illnesses](#)  
*MedPage Today: Nov 14 2009 12:29AM Matching: latex*
- [Steel, rubber found in some Genzyme drugs](#)  
*CNN Money: Nov 14 2009 12:28AM Matching: latex*
- [Steel, rubber found in some Genzyme drugs](#)  
*Forbes.com: Nov 14 2009 12:26AM Matching: latex*

#### Latex Patents:



- 7612168- [Modified HIV peptides, antigens, compositions, immunoassay kit and a method of detecting antibodies induced by HIV](#)
- 7614812- [Wiper with encapsulated agent](#)
- 7615007- [Analyte sensor](#)
- 7615039- [Body attachable drapeable sanitary absorbent napkin](#)
- 7615040- [Thin, flexible, low capacity absorbent article with leakage protection](#)
- 7615049- [Devices, systems and methods for treating tissue regions of the body](#)
- 7615084- [Secondary battery, and its production process](#)
- 7615092- [Filtering mask](#)
- 7615093- [Controlled release product and method for the production thereof](#)
- 7615113- [Ink, ink jet recording method, ink cartridge, recording unit, and ink jet recording apparatus](#)
- 7615157- [Apparatus for withdrawing permeate using an immersed vertical skein of hollow fibre membranes](#)
- 7614735- [Ink jet recording method and ink jet recording apparatus](#)
- 7614436- [Weft inserted warp knit fabric for tire cap ply](#)
- 7614342- [Squeegee blade holders with integral cleaning apparatus](#)
- 7612174- [Scavenger receptor](#)
- 7612175- [Scavenger receptor](#)
- 7612179- [antibodies binding to a C-terminal fragment of apolioprotein E](#)
- 7612185- [Nucleic acid biosensors](#)
- 7612192- [Neisseria genomic sequences and methods of their use](#)

- 7612355- [Optoelectronic tweezers for microparticle and cell manipulation](#)
- 7614104- [Floating water bed](#)
- 7614110- [Wet sheet for cleaning](#)
- 7614164- [Shoe with padded sole](#)
- 7614167- [Massage sandals](#)
- 7615167- [High modulus nonconductive adhesive useful for installing vehicle windows](#)
- 7615178- [Fabric reinforcement and cementitious boards faced with same](#)
- 7615511- [Organo-titanate catalysts for preparing pure macrocyclic oligoesters](#)
- 7615522- [Polymers produced by atom transfer radical polymerisation technique with structurally modified terminal groups](#)
- 7615594- [Graft copolymers and impact-resistant flame-retardant resin compositions containing the same](#)
- 7615613- [Antigen constructs useful in the detection and differentiation of antibodies to HIV](#)
- 7615614- [Antigen constructs useful in the detection and differentiation of antibodies to HIV](#)
- 7615616- [Bioinformatic method for identifying surface-anchored proteins from gram-positive bacteria and proteins obtained thereby](#)
- 7615624- [Arabidopsis derived promoters for regulation of plant expression](#)
- 7615762- [Method and apparatus for low quantity detection of bioparticles in small sample volumes](#)
- 7616280- [Display element and display device](#)
- 7616315- [Assay devices and methods](#)
- 7615504- [Cementitious boards](#)
- 7615381- [Method and apparatus for detecting estradiol and metabolites thereof using an acoustic device](#)
- 7615376- [Masking background fluorescence and luminescence in the optical analysis of biomedical assays](#)
- 7615191- [Diagnostic devices and apparatus for the controlled movement of reagents without membranes](#)
- 7615218- [Methods for determining and lowering caffeine concentration in fluids](#)
- 7615233- [Particulate construct comprising polyhydroxyalkanoate and method for producing it](#)
- 7615254- [Fluid-applied air and moisture barrier and cementitious bond breaker and system](#)
- 7615265- [Inkjet printing recording material](#)
- 7615266- [Ink jet recording material](#)
- 7615275- [Flat material for leadthroughs](#)
- 7615278- [Fibrous structures comprising a polymer structure](#)
- 7615327- [Toner process](#)
- 7615345- [Arrays formed of encoded beads having oligonucleotides attached](#)
- 7616376- [Widely wavelength tunable polychrome colloidal photonic crystal device](#)

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