# GE Healthcare Life Sciences

# Licensing statements

# General

# 2-D Fluorescence Difference Gel Electrophoresis

2-D Fluorescence Difference Gel Electrophoresis (2-D DIGE) technology is covered by US patent numbers 6,043,025, 6,127,134 and 6,426,190 and equivalent patents and patent applications in other countries and exclusively licensed from Carnegie Mellon University. CyDye: this product or portions thereof is manufactured under an exclusive license from Carnegie Mellon University under US patent numbers 5,569,587, 5,627,027 and equivalent patents in other countries. The purchase of CyDye DIGE Fluors includes a limited license to use the CyDye DIGE Fluors for internal research and development, but not for any commercial purposes. A license to use the CyDye DIGE Fluors for commercial purposes is subject to a separate license agreement with GE Healthcare.

# ÄKTA oligopilot and OligoPilot 400

ÄKTA oligopilot and OligoPilot 400 is covered by US patent number 5,807,525 and equivalent patents and patent applications in other countries. Post-synthesis procedures for selective deprotection of oligonucleotides on solid supports is covered by US patent number 6,887,990 and equivalent patents and patent applications in other countries, and a license thereto is only given when synthesis of oligonucleotides is performed on GE Healthcare instruments. No other license is granted to the purchaser either directly or by implication, estoppel or otherwise.

# ÄKTAready High Flow Kit and ÄKTAready Low Flow Kit

The use of ÄKTAready High Flow Kit and Low Flow Kit may require a license under the following US patents and their equivalents in other countries: US patent numbers 6,712,963 and 7,052,603 (assignee: SciLog, Inc.). A free, non-transferable license limited to using these products under above mentioned patents accompanies the purchase of the product from any GE Healthcare company and its licensed distributors.

#### **AlkPhos Direct**

This product is protected by patent numbers US 5,939,257 and EP 770678 owned by GE Healthcare Bio-Sciences Corp. and equivalent patents and patent applications in other countries.

#### **Bioreactor Mixer Bags**

Please visit www. xcellerex.com/bagpatents



#### **Biotrak cAMP Assays**

The use of this product in a binding assay is the subject of patent numbers US 6,900,019 and EP 0863402 and equivalent patents and patent applications in other countries in the name of GE Healthcare UK Limited.

#### **Biotrak cGMP Assays**

The use of this product in a binding assay is the subject of patent numbers US 6,900,019 and EP 0863402 and equivalent patents and patent applications in other countries in the name of GE Healthcare UK Limited.

#### Biotrak MMP-1, MMP-3, MMP-9, and TIMP-1 Human ELISAs

These products are developed in collaboration with FUJI CHEMICAL INDUSTRIES, Ltd.(Japan).

#### Biotrak MMP-2 and TIMP-2 Human ELISAs

These products are manufactured by FUJI CHEMICAL INDUSTRIES, Ltd. (Japan).

# Biotrak Prostaglandin E<sub>2</sub>

The use of this product in a binding assay is the subject of patent numbers US 6,900,019 and EP 0863402 and equivalent patents and patent applications in other countries in the name of GE Healthcare UK Limited.

# Cytiva Cardiomyocytes

GE Healthcare Cardiomyocytes are sold under licence from Geron Corporation and Wisconsin Alumni Research Foundation under US patent and publication numbers: 7 US 5,843,780, US 6,200,806, US 6,800,480, US 7,005,252, US 7,029,913, US 7,297,539, US 7,413,902, US 7,425,448, US 7,452,718, US 7,582,479, US 7,851,167, US 7,897,389 and US 2007/0010012 and equivalent patent and patent applications in other countries.

Notice to purchaser: Important license information

The purchase of Cytiva Cardiomyocytes includes a limited license to use the Cytiva Cardiomyocytes for internal research and development, but not for any commercial purposes. Commercial purposes shall include: sale, lease, license or other transfer of the material or any material derived or produced from it; sale, lease, license or other grant of rights to use this Material or any material derived or produced from it; use of this material to perform services for a fee for third parties. The right to use the Cytiva Cardiomyocytes for commercial purposes is subject to a separate written agreement with GE Healthcare. IF YOU REQUIRE THE RIGHT TO USE THIS MATERIAL AND DO NOT HAVE ONE PLEASE CONTACT YOUR LOCAL GE HEALTHCARE REPRESENTATIVE AND RETURN THIS MATERIAL UNOPENED TO GE HEALTHCARE UK LTD. THE MAYNARD CENTRE. FOREST FARM, WHITCHURCH, CARDIFF CF14 7YT, UK AND ANY MONEY PAID FOR THE MATERIAL WILL BE REFUNDED.

#### **CDP-Star**

CDP-Star is a trademark of Tropix Inc

#### **CSS Adsorber**

The CSS Adsorber and the use of this product for the purpose of stabilizing beer and other beverages containing haze causing substances is protected by the following patent and equivalent patents and patent applications in other countries: US patent number 6,001,406. A free, non-transferable limited license to use this product only for stabilizing beer at the site agreed in the sales contract accompanies the purchase of the product from a GE Healthcare company and its licensed distributors. Any other use will require a separate license from a GE Healthcare company. Please address any licensing inquiries to GE Healthcare, Legal department, Björkgatan 30, SE-751 84 Uppsala, Sweden, telephone +46-18-6120000, fax +46-18-6121810.

#### DeCyder

This release of DeCyder version 2 (software) is provided by GE Healthcare to the customer under a non-exclusive license and is subject to terms and conditions set out in the 2-D Differential Gel Electrophoresis Technology Access Agreement. Customer has no rights to copy or duplicate or amend the Software without the prior written approval of GE Healthcare.

# DeCyder SA (special application for non-DIGE 2-D Gel Electrophoresis)

This version of the DeCyder SA module has been developed by the Swiss Institute of Bioinformatics in collaboration with GeneBio and GE Healthcare.

# Deep Purple Total Protein Stain

Deep Purple Total Protein Stain is exclusively licensed to GE Healthcare from Fluorotechnics Pty Ltd. Deep Purple Total Protein Stain may only be used for applications in life science

Deep Purple is covered under a granted patent in New Zealand entitled "Fluorescent Compounds", patent number 522291 and equivalent patents and patent applications in other countries.

#### **Deltavision OMX**

Deltavision OMX is sold under use license from University of California San Francisco under US patent number: RE38307 and Canadian patent number 2210801

# Disposable Aseptic Connector

This product is sold under license from Johnson & Boley Holdings, LLC under US patent number 6,679,529.

#### **ECL Prime**

This product or portions thereof is manufactured and sold under license from Cyanagen Srl and is subject of US patent 7,855,287, US Patent 7,803,573, and Italian application number TO2010A000580, together with other equivalent granted patents and patent applications in other countries.

#### **ExoSAP-IT**

Exonuclease I/Shrimp Alkaline Phosphatase method of use is covered by one or more of the following US patent numbers: 5,756,285 and 5,741,676 in the name of GE Healthcare Bio-Sciences Corp.

# Free MabSelect SuRe Ligand

"MabSelect SuRe Ligand Restricted License" and "Cys-rProtein A Ligand Restricted License" are protected by the following patents and equivalent patents and patent applications in other countries: US 6,399,750 and EP 1123389. A free, non-transferable limited license to use this product for internal analytical purposes only accompanies the purchase of the product from a GE Healthcare company and its licensed distributors. Any other use will require a separate license from a GE Healthcare company.

# Gene Images hybridization buffer

Gene Images hybridization buffer is covered by EP 610212 B1 and equivalent patents and patent applications in other countries owned by GE Healthcare Bio-Sciences and covered by a non-exclusive license to US patent number 5,853,986 in the name of Becton Dickinson and Company.

#### **GST Gene Fusion Vectors**

A license for commercial use of GST Gene Fusion Vectors under US patent 5,654,176 and equivalent patents and patent applications in other countries must be obtained from Millipore Corp (formerly Chemicon International Inc).

#### **Hot Start Mix & Hot Start Mix RTG**

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This product is sold under licensing arrangements with Stratagene. The purchase price of this product includes limited, nontransferable rights under U.S. Patent Nos. 5,605,824, 5,646,019, 5,773,257 owned by Stratagene to use only this amount of the product to practice the claims in said patents solely for activities of end users within the field of life science research. Further licensing information may be obtained by contacting the Business Development Department, Stratagene California, 11011 North Torrey Pines Road, La Jolla, California 92307.

This product is sold under license from USB Corporation, Cleveland, Ohio, for use as described in the accompanying materials. Further licensing information may be obtained by contacting USB Corporation, 26111 Miles Road, Cleveland, Ohio 44142. Patent Pending. All rights reserved.

# Hot Tub DNA Polymerase (for PCR)

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# Hot Tub DNA Polymerase (for PCR)

Use of this product is covered by one or more of the following US patents and corresponding patent claims outside the US: 5,789,224, 5,618,711,6,127,155.. The purchase of this product includes a limited, non-transferable immunity from suit under the foregoing patent claims for using only this amount of product for the purchaser's own internal research. No right under any other patent claim, no right to perform any patented method, and no right to perform commercial services of any kind, including without limitation reporting the results of purchaser's activities for a fee or other commercial consideration, is conveyed expressly, by implication, or by estoppel. This product is for research use only. Diagnostic uses under Roche patents require a separate license from Roche. Further information on purchasing licenses may be obtained by contacting the Director of Licensing, Applied Biosystems, 850 Lincoln Centre Drive, Foster City, California 94404, USA.

#### IMAC Sepharose products, Ni Sepharose products and Fe Sepharose products

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#### ImageMaster 4.9

This version of ImageMaster has been developed by the Swiss Institute of Bioinformatics in collaboration with GeneBio and integrates the Melanie software.

# ImageMaster 5 (and later versions)

This version of ImageMaster has been developed by the Swiss Institute of Bioinformatics in collaboration with GeneBio and GE Healthcare.

#### IN Cell Analyzer System and IN Cell Investigator Software

The IN Cell Analyzer system and the In Cell Investigator software are sold under use license from Cellomics Inc. under US patent numbers: 5,989,835, 6,365,367, 6,416,959, 6,573,039, 6,620,591, 6,671,624, 6,716,588, 6,727,071, 6,759,206, 6,875,578, 6,902,883, 6,917,884, 6,970,789, 6,986,993, 7,060,445, 7,085,765, 7,117,098, 7,160,687, 7,235,373, 7,476,510; Canadian patent numbers CA 2282658, 2328194, 2362117, 2381344; Australian patent number AU 730100; European patent numbers EP 0983498, 1095277, 1155304, 1203214, 1348124, 1368689; Japanese patent numbers JP 3466568, 3576491, 3683591, 4011936 and equivalent patents and patent applications in other countries.

# KappaSelect

KappaSelect incorporates BAC BV's proprietary ligand technology, which has been exclusively licensed to GE Healthcare for affinity separation. Other uses of this product may require a separate license from BAC BV, Huizerstraatweg 28, 1411 GP Naarden, The Netherlands.

# **MegaBACE Instrument**

Notice to Purchaser: Limited License

The instrument is also an Authorized DNA Sequencer. It is authorized under one or more US patent numbers 5,366,860, and equivalent patents and patent applications in other countries. The purchase of this instrument includes limited, non-exclusive rights under the subject patents to use this instrument for sequencing and fragment length analysis when used with authorized reagents. The use of this instrument with authorized reagents provides a limited license to perform DNA sequencing and fragment length analysis in accordance with the label rights accompanying such reagents. The use of this instrument is also covered by the sequencing method claimed in US Patent Number 5,821,058 (California Institute of Technology) and equivalent patents and patent applications in other countries. Purchase of this instrument does not itself convey to the purchaser a complete license to perform DNA sequencing and fragment length analysis under the subject patents. Authorized reagents may be obtained from licensed vendors, or reagents may be authorized under separate license arrangements from PE Applied Biosystems. The above patent rights are granted solely, for research and other uses that are not unlawful. No other licenses are granted expressly, impliedly, or by estoppel.

Further information on purchasing licenses to perform DNA sequencing and fragment length analysis may be obtained by contacting the Director of Licensing at Applied Biosystems, 850 Lincoln Center Drive, Foster City, California 94404. Applied Biosystems does not guarantee the performance of this instrument. GE Healthcare is a licensed vendor for authorized reagents.

GE Healthcare is licensed as a vendor for authorized sequencing and fragment analysis instruments.

# MegaBACE Reagents (kits)

This kit is sold pursuant to Authorization from PE Applied Biosystems under one or more of the following US patent numbers RE43096, and equivalent patents and patent applications in other countries. The purchase of this kit includes limited non-transferable rights (without the right to resell, repackage, or further sublicense) under such patent rights to use this kit for DNA sequencing or fragment analysis, solely when used in conjunction with an automated instrument for DNA sequencing or analysis which have been authorized for such use by Applied Biosystems, or for manual sequencing. Purchase of this product does not itself convey to the purchaser a complete license or right to perform automated DNA sequence and fragment analysis under the subject patents. No other license is hereby granted for use of this kit in any other automated sequence analysis instrument. The rights granted hereunder are solely for research and other used that are not unlawful. No other license is granted expressly, impliedly, or by estoppel. May delete reference to all patents since they have expired.

Further information on purchasing licenses to perform DNA sequence and fragment analysis may be obtained by contacting the Director of Licensing at Applied Biosystems, 850 Lincoln Centre Drive, Foster City, California 94404. Delete reference to Patent Numbers since all expired.

GE Healthcare is licensed as a vendor for authorized sequencing and fragment analysis instruments.

Nitrocellulose Membranes (FFHP, Immunopore and BA membranes)

Sold under license to DE10102744 and foreign equivalents thereof"

#### Nitroreductase Gene Reporter (NTR) System

NTR products are sold for use with CytoCy5S in in vitro gene reporter assays only. Use in any in vivo application in humans or animals is strictly prohibited.

The use of this product in an NTR gene reporter assay is the subject of patent number EP 1252520 and equivalent patents and patent applications in other countries. This product is developed and sold under license from Cancer Research Campaign Limited and Proacta Inc. under patent numbers US 5,633,158, US 5,780,585, US 5,977,065, AU 681337, AU 725236 and equivalent patents and patent applications in other countries.

#### **OligoProcess**

OligoProcess is covered by US patent numbers 5,807,525 and 5,641,459, and equivalent patents and patent applications in other countries. Post-synthesis procedures for selective deprotection of oligonucleotides on solid supports is covered by US patent number 6,887,990 and equivalent patents and patent applications in other countries, and a license thereto is only given when synthesis of oligonucleotides is performed on GE Healthcare instruments. No other license is granted to the purchaser either directly or by implication, estoppel or otherwise.

#### Percoll PLUS

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#### pGEX Vectors

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# Phi 29 DNA Polymerase

Phi 29 DNA polymerase and its use for DNA synthesis is covered by US patent numbers 5,854,033, and 5,576,204

#### Plasminogen Removal Gel

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# **Primer Support 200**

Primer Support 200 is covered by US patent number 6,335,438 and equivalent patents and patent applications in other countries.

#### Protein L

Protein L is covered by US 6, 822,075, US 6,162, 903, US 6,884,629 and equivalent patents and patent applications in other countries owned by Affitech AS and exclusively licensed to GF Healthcare

#### Ready to Go RT-PCR Beads

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#### ReadyMate

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#### Sequenase

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Purchase of this kit includes a limited non-exclusive sublicense under US patent number 5,674,716 and Canadian patent number 1340851 to use the kit to perform one or more patented DNA sequencing methods in those patents solely for use with Sequenase DNA polymerase purchased from GE Healthcare for research activities. No other license is granted expressly, implied or by estoppel. For information concerning availability of additional licenses to practice the patented methodologies, contact GE Healthcare Bio-Sciences Corp., 800 Centennial Avenue, P.O. Box 1327, Piscataway, N.J. 08855-1327, USA.

#### **SNuPe**

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#### **STREAMLINE**

With the purchase of STREAMLINE columns and adsorbents the customer is granted a free license to use the product for the manufacture of biopharmaceutical products under US patent application number 09/250,976 and all US and counterparts in other countries thereof, as well as any patents issuing there from, including US patent number 6,027,650 and equivalent patents and patent applications in other countries. The customer shall not have the right to transfer or sub-license these license rights.

#### StrepTrap HP and StrepTactin Sepharose High Performance

These products are covered by US patent number 6,103,493 and equivalent patents and patent applications in other countries. The purchase of StrepTrap HP and StrepTactin Sepharose High Performance includes a license under such patents for non-profit and inhouse research only. Please contact IBA (info@iba-go.com) for further information on licenses for commercial use of StrepTactin.

# **TALON Superflow and HiTrap TALON**

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#### Taq DNA Polymerase

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# Thermo Sequenase (I and II)

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#### Unilinker (Metkinen)

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"Carbamoylation of amines, thiophenols, mercaptanes and phenols employing organic azides" U.S. Patent Application Serial No. 60/854,721, filed, November 2006.

Universal Solid Support III is subject to proprietary rights of Glen Research Corporation and synthesized under the following patents, US Patent No.: 6,770,754 and European Patent No.: 1404695.

#### VIIISelect

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#### Vistra Green

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