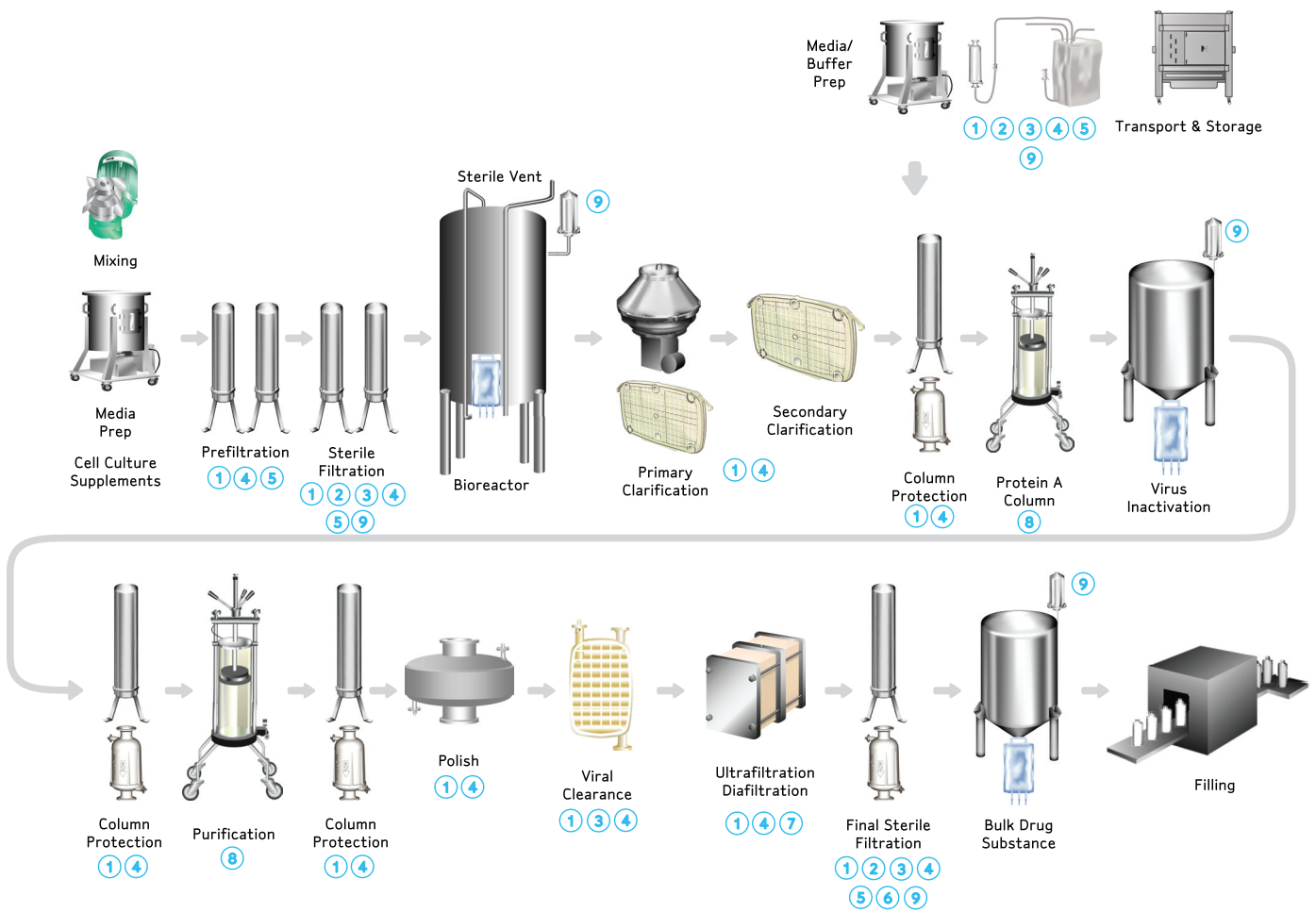


# YOUR TOTAL SOLUTION

Innovative Technologies, Comprehensive Services and Application Expertise



See next page for explanation of numbers

With our wide range of standard and customized services we're able to help you with all your validation needs quickly, easily and efficiently. It's as easy as:

- (A) Initiate request
- (B) Review and approve protocols and documents
- (C) Receive and approve results

Our Validation Sciences Laboratories have teams of experts, scientists, engineers and process development specialists ready to help you achieve your goals.

## 1 Compatibility Testing

- Laboratory studies to evaluate changes in key Millipore product characteristics after exposure of your fluid

## 2 Product Integrity Test Ratio

- Provides support for integrity testing filters wet with process fluid, eliminating the need to flush with water

## 3 Retention Validation

- Laboratory scale membrane retention validation of your process fluid and process conditions using:
  - Standard bacteria, mycoplasma or your process isolates
  - Bacteriophage and mammalian virus clearance studies for virus removal filters

## 4 Extractables Analysis

- Extractables studies conducted to quantify totals and identify extractables under worst-case conditions, using your sterilization and processing conditions and model solvents

## 5 Leachables Studies

- Where feasible, leachables studies are conducted to verify the presence/absence of the leachables in your process fluid

## 6 Binding

- Filtration studies set up to help determine if critical product components are binding to system components

## 7 TFF Flush and Cleaning Studies

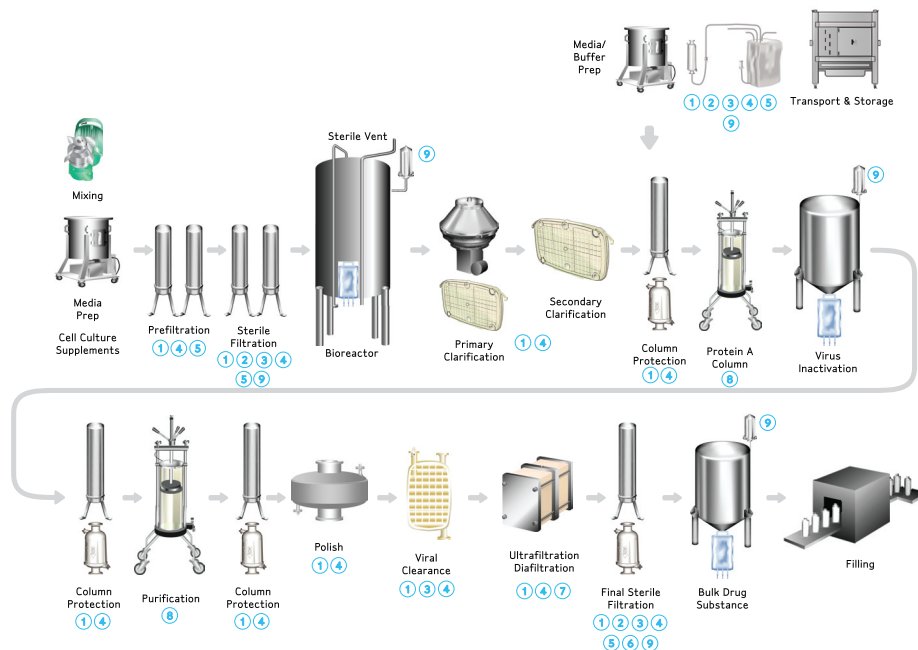
- Laboratory studies to determine appropriate fluids and volumes

## 8 Chromatography Services

- Consultation and collaboration
- Feasibility, proof of concept, optimization
- Trials at our or your site

## 9 Integrity Tester Validation

- IQ and OQ testing using your filter matrix at your facility
- On-site calibration and maintenance
- User certification training



[www.millipore.com](http://www.millipore.com)

ADVANCING LIFE SCIENCE TOGETHER™  
Research. Development. Production.

Millipore, Access, the M Logo and Advancing Life Science Together are trademarks of Millipore Corporation.

Lit. No. SDS1645EN00 05/08 Printed in U.S.A. BP GEN-08-00244

© 2008 Millipore Corporation, Billerica, MA 01821 U.S.A. All rights reserved.

## TO PLACE AN ORDER OR RECEIVE TECHNICAL ASSISTANCE

For additional information call your nearest Millipore office:

In the U.S. and Canada, call toll-free  
**1-800-MILLIPORE (1-800-645-5476)**

In the U.S., Canada and Puerto Rico, fax orders to  
**1-800-MILLIFX (1-800-645-5439)**

In Europe call **+33 (0) 3904-6-9898**

Outside of North America contact your local office.

To find the office nearest you: [www.millipore.com/offices](http://www.millipore.com/offices)

Internet: [www.millipore.com](http://www.millipore.com)

Technical Service: [www.millipore.com/techservice](http://www.millipore.com/techservice)