

Technical Self-Assessment 2003

Look at the list below and indicate, with a checkmark, if this is a particular area of strength for you.

Background	Laboratory Skills Check-List	
Field of Study ☐ Agriculture ☐ Biochemistry ☐ Biology ☐ Botany ☐ Engineering ☐ Genetics ☐ Immunology ☐ Information technology ☐ Microbiology ☐ Molecular biology ☐ soil science ☐ zoology Majority of laboratory experience: ☐ academic, in courses ☐ clinical ☐ in government ☐ in industry Highest degree obtained: ☐ B.Sc.or other bachelor degree ☐ Masters ☐ PhD or doctorate Year of entry into Canada: ☐ Before 1990 ☐ 1990-1995 ☐ 1996-2000 ☐ 2001 ☐ 2002	Animal handling ☐ mammals ☐ in-vivo experimentation Cell Biology ☐ tissue culture ☐ aseptic/sterile techniques ☐ cell counting ☐ microscopy Cloning ☐ DNA ligation ☐ PCR Cryo preservation ☐ aseptic techniques ☐ cell cytopreservation ☐ sterile cell culture ☐ embryo cytopreservation DNA Analysis ☐ sequencing ☐ Southern blotting ☐ Genomics ☐ cDNA technology Gel electrophoresis ☐ Western blotting ☐ Southern blotting ☐ Northern blotting	Immunology ☐ immuno-detection ☐ immuno-precipitation Instrumentation ☐ FTIR- Fourier Transformed Infrared and Raman Spectroscopy ☐ GC/MS ☐ HPLC ☐ Spectrophotometric analysis Methodology ☐ Method development in laboratory ☐ Up-scaling for manufacturing Microbiology ☐ Staining ☐ Microscopy ☐ Microscopy-imaging Safety ☐ Laboratory ☐ Workplace ☐ Special safety training Research Reports & Scientific Papers ☐ authored ☐ submitted ☐ assessed ☐ statistical analysis

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Look at the list below and indicate, with a checkmark, if this is a particular area of strength for you.

Background	Application Skills Check-List	
Majority of application experience: ☐ academic, in courses ☐ clinical ☐ in government ☐ in industry	Product application ☐ blood, blood products ☐ viral, bacterial vaccines ☐ genetic therapy, diagnostics ☐ tissues, organs ☐ radio-pharmaceuticals ☐ controlled drugs ☐ medical devices ☐ homeopathic remedies ☐ pesticides ☐ Regulation ☐ HPB (Canada) ☐ FDA (United States) ☐ European regulations ☐ International regulations ☐ advertising ☐ drug products ☐ hazardous materials ☐ naturopathic materials ☐ medical devices ☐ lab safety regulations ☐ workplace safety	Manufacturing ☐ bio-conversion ☐ bio-production ☐ large scale fermentation ☐ enzyme-related reactions ☐ industrial filtration ☐ Clinical trials ☐ authored ☐ submitted ☐ assessed ☐ statistical analysis ☐