

USER GUIDE v1. December 2009

Table of contents:	Page
About Current Protocols	2
Features of currentprotocols.com	3
Home	4
Registration	5
Browsing	6
Searching	7
Viewing content	8
Viewing content > more	9
Video Protocols	10
Tools and Calculators	11
MyCP.com	12
Upload your own protocol	13

•

Notes:



About Current Protocols ...

A protocol is a precise and detailed experiment or "method" for the study of a biochemistry, molecular biology, and/ or biomedical problem:

- helps speed up research by providing tried and tested procedures
- organized in a standardized format – easy to use in a laboratory environment
- step-by-step procedures
- includes materials and equipment needed
- figures and tables
- "notes" or "tips" provide troubleshooting suggestions.



Notes:

🏡 🌩



Features of Current Protocols product website currentprotocols.com ...

- · Search and browse across all protocols
- Tools and calculators
- Video protocols
- New protocol alerts and RSS feeds
- All content on the site is open access
- Full text can be accessed on Wiley InterScience (with subscription)
- Ability to add supplier and user-generated protocols
- Rate and comment on protocols
- 'Ask the Experts' free online protocol advice
- Troubleshooting forums
- Read the editors blog for news, commentaries, and the latest developments in methods
- · Personalize your experience with My CP.com
  - Upload your own protocol to share with the Current Protocols community
  - Organize your favorites

#### **TOOLS & CALCULATORS**

- Bacterial Media Recipes Calculator
- Buffer Calculator
- Colorimetric Assay Calculation Tool
- Common Laboratory Recipes Calculator
- DNA-Protein Translator Tool
- DNA/RNA/Protein Molecular Weight Calculator

\_\_\_\_

- G-Force/RPM Conversion Tool
- Hemacytometer Calculation Tool
- ▶ ImageJ Java Applet
- ▶NEBcutter v. 2.0
- Polyacrylamide Gel Recipes Calculator
- ▶ Primer3Plus
- Radioactive Decay Calculator for Isotopes Commonly Used in Biomedical Research
- Solution Concentration Calculator
- Spectrophotometric Measurement of Nucleic Acids Calculator
- Units of Measurement Conversion Tool

#### DISCUSSION BOARDS

- General Discussion
- Ask the Experts: Molecular and Cell Biology
- Ask the Experts: Protein Science

#### Video protocols available!

Watch peer-reviewed, high quality step-by-step video protocols for top lab procedures!

See a list of all videos 🕨



#### FEATURED VIDEO

Phase Contrast and Differential Interference Contrast (DIC) Microscopy



Notes:



#### Home

From the homepage you can search or browse, access discussion boards, tools and calculators and the editors blog, view video protocols, and set up a new protocol alert or RSS feed

1... Browse by category directly from the homepage or click on the CATE-GORIES tab from anywhere on the site.

2... You can search from the homepage or from any page on the site using the simple search text box.

3... View featured video protocol or link to full list.

4... Link to BEYOND THE BENCH, the editors blog, on the right of all pages.

5... Access Tools and Calculators from the TOOLS tab, and on the right of the screen on all pages.

6... Link to Discussion Boards on the right of the all pages.

7... Set up an email alert on the right of the screen or scroll to the bottom.

8... There you can also set up an RSS feed.



	•	•
Notes:		

\_\_\_\_



### Home > Registration and login

Registering on current protocols.com allows you to save and organize your favorites, and upload your own protocol to share with the Current Protocols community.

1 Click the Register link	1. 7. Register   Sign-In
on the homepage.	User account
2 On the registration page enter your email ad- dress and choose a pass- word.	Create new account       Log in       Request new password       Resend Authentication Mail         Image: InterScience account below to upload your protocol, create a free Wiley InterScience account below to upload your protocol, create a profile, or save your favorites. If you already have a Wiley InterScience account, log in using the tab above.         Email Address: *         An e-mail will be sent to you from Wiley InterScience with instructions on how to confirm your account.
3 Enter your personal details.	Retype Email Address: * 2. Password: *
4 Enter your country or location.	Retype Password: *  Please Note: passwords must be alphanumeric (no special characters) between 5 and 32 characters long.  Personal Details
5 Complete the security check.	First Name: * 3.
6 Check your details and click Register.	Country or Location: * UNITED STATES 4.
Once submitted you will receive an email asking you to authenticate your account.	CAPTCHA This question is for testing whether you are a human visitor and to prevent automated spam submissions. 5. What are a human visitor and to prevent automated spam 5. What are a human visitor and to prevent automated spam 5. What are a human visitor and to prevent automated spam
7 After authenticating your account you can then log in.	Register 6.
	7. Create new account Log in Request new password Resend Auther Current Protocols is part of Wiley InterScience.
	E-mail address: *
	Enter the e-mail address used in your Current Protocols or Wiley InterScience account. Password: *
	If you can't remember your Current Protocols or InterScience password, request a new password above.
	← <u></u>

Ν	otes:	

🛑 🏠

•

### **Current Protocols**

### Home > Browsing

Browse by category directly from the homepage or click on the CATEGORIES tab from anywhere on the site.

1... Click on a category.

2... From the category page you can view recently added or featured protocols in that category.

3... You can refine your browsing further by selecting a sub category.

4... From the sub category results list you can browse the protocols within that category.

5... You can sort the results by date or alphabetically.

6... Or filter by **Current Protocols** only or **All Protocols** - which includes user and supplier generated protocols – where available.

BROWSE CATEGORIES *		
Bioinformatics	Immunology	Protein Production,
Cell Biology	• Intermolecular Interactions	Purification, and Analysis
) Cell Culture	D Laboratory Organisms and	Proteomics
Bioinformatics		
ROWSE		
Bioinformatics Fundamentals	RECENTLY ADDED 2.	
Biological Databases 3.	Exome™ Horizon - Complet Bioinformatics learning platf	e and Unified
• Cheminformatics		
DNA Analysis	RT-PCR to Analyze Bacterial	Keal-Time Gene ilus influenzae
• Expression Patterns		
• Finding Genes	<ul> <li>The UCSC Genome Browser Molecular Biologist Should K</li> </ul>	: What Every now
• Finding Similarities and Inferring Homologies	The Importance of Biologica	l Databases in
Modeling Structures from Sequence	Biological Discovery	
Molecular modelling	An Introduction to Sequence	Similarity
• Phylogenetic trees	( Homology ) searching	
Protein Analysis	2	
Proteomics	FEATURED PROTOCOLS Z.	
• Recognizing Functional Domains	Searching NCBI Databases U	sing Entrez
🕑 RNA Analysis	Selection of a Platform for M	utation
S RSS Feed		
3ioinformatics		
DNA Analysis 4.		
1 - 10 of 30		1 2 3 >
	6.	rale Current Protocols only
Assays for DNA Damage		
Print Publication Date: November, 1999		
Source: Current Protocols in Toxicology		
Assembling Genomic DNA Sequences with F	PHRAP	
Print Publication Date: March, 2007		
Source: Current Protocols in Bioinformatics		
Computer Manipulation of DNA and Protein	Sequences	
Print Publication Date: April, 1995		
Source: Current Protocols in Molecular Biolog	ay.	

🗭 🏡 🗖

Notes:

\_\_\_\_\_

# The Fine Art of Experimentation

### Home > Searching

Search for specific terms or protocols directly from the homepage or from any page on the site.



Author(s): Paul T. Wingfield, Ira Palmer, Shu-Mei Liang Publication Date: June, 1995 Source: Current Protocols in Protein Science



# The Fine Art of Experimentation

### Viewing content

All content on currentprotocols.com is free. The full text of the protocols is located on the <u>Wiley</u> <u>InterScience</u> web site and is available on subscription.

1... Here you can view the abstract.

2... Table of contents.

3... Materials list - which includes a link (at the bottom of the list) to a Suppliers guide.

4... Figures

5... click on figure, or the "View Image" link, to enlarge.

6... Right mouse click over the figure to save or copy

7... View a list of literature cited.

8... Click on the PDF or HTML links to view the full text.



Notes:

### **Current Protocols** The Fine Art of Experimentation

### Viewing content > more

currentprotocols.com includes two specific features that promote discussion and currency in the Current Protocols community.

1... Author Notes allow authors to add notes and comments - keeping content and discussion relevant to real-world issues.

2... You can also rate a protocol,

3... and ask questions or provide tips, tricks or improvements to share with the Current Protocols community.

You do not need to be registered, or subscribed, to use this feature.



Digited 🔮 CEAPTCHA

PREVIEW SUBMIT COMMENT

42d

金 📫 Notes: 9



Home > Video Protocols currentprotocols.com offers free video protocols.

1... From the homepage you can view the featured video protocol.

2... Click on the "See a list of all videos" link to see all available videos.

3... Click on image or title to view.

4... As with text protocols, you can ask questions or provide tips, tricks or improvements.



🗭 🏡 📫



# **EXAMPLE 2** Current Protocols

### Home > Tools and Calculators

The tools and calculators on currentprotocols.com are free and can be used online providing instant results.



Notes:

\_\_\_\_

## The Fine Art of Experimentation

### Home > MyCP.com

Save and organize your favorites, and upload your own protocol to share with the Current Protocols community. To access this function you must be registered and logged in.

### 1... Log in

2... When logged in to currentprotocols.com you will see a list of your recently viewed protocols on the right hand side.

3... These can be quickly added to your favorites.

4... Click the MyCP.com link to manage your favorites, edit your profile and upload a protocol.

5... Add or delete protocols and tools from your favorites list.

6... Upload your own protocol.

7... Edit your profile and login information.

				Register   Sig
Z. TOUR RECENTLY TE				
Pressays for price pair	3. ADD TO	O FAVORITES		
		REMÖVE⇒		
<ul> <li>Folding and Purifica of Insoluble (Inclus Body) Proteins from Escherichia coli</li> </ul>	ition 🔶 🧔 sion Addition	D FAVORITES ★		
Dictuostalium Call	~ ~ ~			
Dynamics	ADD TO		1	
		My CP.c	om 4.	
E DELETE THIS LIST		Upload a your fav	protocol, update orites, and edit y	your profile, orgar our protocols.
		monthly	' Stay informed!	Sian up for NEW
		PROTOC	OL ALERTS.	Sign up for NEW
		PROTOC	Stay informed! OL ALERTS.	Sign up for NEW
r CP.com oad a protocol • 6. ormation for Current Protocol Auti	hors >	PROTOC	Stay informed! OL ALERTS.	Sign up for NEW
r CP.com load a protocol > 6. ormation for Current Protocol Auti	hors <b>&gt;</b>	Dia you monthly: PROTOC	Stay informed! OL ALERTS.	Sign up for NEW
/ CP.com load a protocol > 6. ormation for Current Protocol Auti VORITES Imal Models of M. tuberculosis Infe	hors >	Dia you monthly: PROTOC	Stay informed! OL ALERTS.	Sign up for NEW YOUR PROFILE Control C
r <b>CP.com</b> load a protocol <b>6</b> . ormation for Current Protocol Aut <b>VORITES</b> mal Nodels of M. tuberculosis Infe	hors > ection 5.	Dia you monthly: PROTOC	Stay informed! OL ALERTS.	Sign up for NEW YOUR PROFILE Control of the second
r CP.com load a protocol > 6. ormation for Current Protocol Auti VORITES mal Models of M. tuberculosis Info ENOVE FROM FANORITES life Techniques in Mammalian Cell 1	hors > sction Tissue Culture	Dia you monthly: PROTOC	Stay informed! OL ALERTS.	Sign up for NEW YOUR PROFILE Controlle Control
C CP.com  Ioad a protocol > 6.  ormation for Current Protocol Auti  VORITES  Imal Models of M. tuberculosis Info  LINOVE FROM FAVORITES  sic Techniques in Mammalian Cell T  LINOVE FROM FAVORITES	hors > sction Tissue Culture	Dia you monthly: PROTOC	Stay informed! OL ALERTS.	Sign up for NEW YOUR PROFILE Control Office Control C
/ CP.com load a protocol » 6. formation for Current Protocol Auti VORITES imal Nodels of M. tuberculosis Info UBIOX FROM FAVORITES sic Techniques in Mammalian Cell T UBIOX FROM FAVORITES CENTLY VIEWED PROTOCOLS	hors > settion Tissue Culture	PROTOC	Stay informed! OL ALERTS.	Sign up for NEW YOUR PROFILE Critichell@ C
C CP.com Ioad a protocol > 6. 'ormation for Current Protocol Auti VORITES IIIIA Nodels of M. tuberculosis Infe UBIOX FROM FAVORITES SIC Techniques in Nammalian Cell T UBIOX FROM FAVORITES CENTLY VIEWED PROTOCOLS says for DNA Damage	hors > settion Tissue Culture	PROTOC	Stay informed! OL ALERTS.	Sign up for NEW YOUR PROFILE Controlle Control
C CP.com Ioad a protocol > 6. iormation for Current Protocol Auti VORITES Imal Nodels of M. tuberculosis Infe UBIO2 FROM FAVORITES SIC Techniques in Mammalian Cell T UBIO2 FROM FAVORITES CENTLY VIEWED PROTOCOLS says for DNA Damage DD TO FAVORITES CENTOR	hors > settion Tissue Culture	PROTOC	Stay informed! OL ALERTS.	Sign up for NEW YOUR PROFILE Controlle Control
I CP.com Ioad a protocol > 6. formation for Current Protocol Autil VORITES Imal Models of M. tuberculosis Infe terove ricon ravoarres sic Techniques in Mammalian Cell T terove ricon ravoarres CENTLY VIEWED PROTOCOLS says for DNA Damage 20 TO FAVOARTES @EXEVOR Iding and Purification of Insoluble 20 TO FAVOARTES @EXEVOR	hors > section 5. Tissue Culture (Inclusion Body) Pro	teins from Escher	Stay informed! OL ALERTS.	Sign up for NEW  YOUR PROFILE  VOUR PROFILE  Contchell@  Contchell



**•** 🚓



### Home > MyCP.com > Upload a protocol

Upload your own protocol to share with the Current Protocols community.

	My CP.com
1 Click on the "Upload a protocol" link	Upload a protocol > <b>1.</b> Information for Current Protocol Authors >
2 On the Share Your Protocol screen you will find submission guidelines for User Protocols and Supplier Protocols.	Share Your Protocol SUBMISSION GUIDE: USER PROTOCOLS 2. SUBMISSION GUIDE: SUPPLIER PROTOCOLS PUBLISH YOUR PROTOCOL (REGISTRATION REQUIRED) 3. Your protocol will be available to all users of this website for as long as you wish.
3 Click on "Publish your protocol" to upload your protocol .	Create content     Cell Biology       Create content     Chemical Biology       Create PDF Protocol     Gene Expression       Trde: *     Imaging and Microscopy       Internology     Internology
4 Fill in title and select categories.	Categories:      Categories:      Categories:      Categories:      Categories:      Categories:      Conce>     Categories:      Categor
5 Complete author de- tails.	PROTOCOL INFO         All selections         Pharmacology and Drug Discovery           Protein Production, Purification, and Analysis         Protein Production, Purification, and Analysis           Protein Production and Production, Purification, and Analysis         Protein Production, Purification, and Analysis
6 Add an abstract and upload your protocol file.	*CATEGORIES * Select the protocol s suppliers or authors from the list. If not listed, use the Add button to create a new listing.  Supplier(s): PROTOCOL INFO * 5.
7 When ready, click the Save & Preview button.	Add a New Supplier <sup>5</sup> Author(s): Marson
Once you have uploaded and saved your protocol it will be submitted to our editorial team for ap- proval. If approved it will then be publicly viewable	Add a New Autho
then be publicly viewable.	PROTOCOL SUBMISSION STATUS      O     Draft (viewable by you only)     Submitted for CP Editorial Approval (publicly viewable after approval)     Save & Preview 7.

Notes:

🛑 🏡

.