

WARD'S

Biochemical Evidence for Evolution

Refill Kit
36 W 6039

WARD'S

WARD'S Natural Science
5100 West Henrietta Road
P.O. Box 92912
Rochester, New York 14692-9012

Fax: **1-800-635-8439**
Phone: **1-800-962-2660**

Website: **www.wardsci.com**
E-mail: **customer_service@wardsci.com**

© 1997 WARD'S Natural Science Establishment, Inc.
All Rights Reserved.
250-9020

WARD'S Natural Science Ltd.
397 Vansickle Road
St. Catharines, Ontario L2S 3T5

Fax: 905-984-5952
Phone: 905-984-8900
Toll-Free: 1-800-387-7822

WARD'S

WARD'S Natural Science
812 Fiero Lane
P.O. Box 5010
San Luis Obispo, California 93403-5010

Fax: 805-781-2704
Phone: 805-781-2700
Toll-Free: 1-800-872-7289

Biochemical Evidence for Evolution

36 W 6039

Introduction:

This refill kit provides all of the consumable components needed to perform the investigation described in WARD'S class-sized lab activity "Biochemical Evidence for Evolution," catalog number 36 W 1222.

Lab Objectives:

Students will perform a variation of the Nuttall precipitation technique using simulated blood sera of various animals—chimpanzee, frog, cow, and monkey. Students will determine which is more closely related to humans.

Refill Kit Contents:

- 1 Bottle of Simulated Human Serum, 30ml
- 1 Bottle of Simulated Cow Serum, 30ml
- 1 Bottle of Simulated Chimpanzee Serum, 30ml
- 1 Bottle of Simulated Frog Serum, 30ml
- 1 Bottle of Simulated Monkey Serum, 30ml
- 1 Bottle of Simulated Human Antiserum, 250ml

Materials Needed but Not Provided:

Description	Catalog Number
Testing Trays, Pkg. of 12	18 W 1028
Stirring Picks, Pkg. of 750	15 W 9864
Glass Vials, Pkg. of 12	17 W 0167
Wax Marking Pen	15 W 1155
Pipets, Pkg. of 500	18 W 2971

Pre-Lab Preparation:

Dispense the Simulated Human Antiserum into 10 vials.

Personal Protective Equipment:

WARD'S recommends your students wear the following personal protective equipment when working with this exercise.

Description

Disposable Latex Gloves, Pkg. of 100

Disposable Aprons, Pkg. of 100

Lab Safety Goggles

Catalog Number

15 W 1071

15 W 1050

15 W 3046