FLINN SCIENTIFIC

Name_____

Vanishing Valentine Demonstration Worksheet

Discussion Questions

1. Describe what happened in this demonstration.

2. The color changes in this demonstration involved both reversible and irreversible reactions. Which color change do you think was due to an irreversible reaction? Which color change was due to a reversible reaction?

3. By shaking the flask, oxygen is introduced to the solution, oxidizing the colorless dihydroresorufin into pink resorufin. When the solution is colorless, why do you think there is a pink tinge at the very top of the solution?

4. What is an oxidation–reduction reaction?

© 2018, Flinn Scientific, Inc. All Rights Reserved. Reproduction permission is granted from Flinn Scientific, Inc. Batavia, Illinois, U.S.A. No part of this material may be reproduced or transmitted in any form or by any means, electronic or mechanical, including, but not limited to photocopy, recording, or any information storage and retrieval system, without permission in writing from Flinn Scientific, Inc.