

WELLNESS RESOURCE MEDICAL CLINIC  
ALLERGY AND ENVIRONMENTAL MEDICINE

**DILUTION FORMULAS**

<u>VIAL # (ENDPOINT)</u>	<u>DEGREE OF DILUTION</u>	<u>CONCENTRATION*</u>
CONCENTRATE**	<u>0</u>	1:20
#1	5	1:100
#2	25	1:500
#3	125	1:2500
#4	625	1:12,500
#5	3,125	1:62,500
#6	15,625	1:312,500
#7	78,125	1:1,562,500
#8	390,625	1:7,812,500
#9	1,953,125	1:39,062,500

\*THE CONCENTRATIONS ARE RATIOS OF ALLERGEN TO NORMAL SALINE (I.E. DILUENT) FOR EXAMPLE, A #3 VIAL CONTAINS ONE PART ALLERGEN TO 2500 PARTS OF NORMAL SALINE. EACH VIAL MAY CONTAIN APPROXIMATELY 20 ALLERGENS, DEPENDING ON THE CONCENTRATIONS.

\*\* THIS IS THE CONCENTRATION WHICH THE ALLERGEN EXTRACT SUPPLIERS PROVIDE THE ALLERGENS. FURTHER DILUTIONS ARE PREPARED AS NEEDED THROUGH OUR CLINICAL LAB AND ITS AFFILIATES.