

**Purpose**

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

The VEGF<sub>165</sub> ELISA Controls have been developed to provide customers with control material for quality monitoring of day-to-day assay performance. The expected recovery ranges for each of these controls are listed below.

**Disclaimer**

Specific claims as to the expected ranges of VEGF<sub>165</sub> levels found in serum and plasma are not made by the manufacturer, and must be determined independently by the customer.

**Contents**

Each package contains the following materials with dosages indicated.

Vial	Part number	Volume	Lot number	Dosage	Mean pg/mL	Range pg/mL
Control Level A	28-7022-A	1 mL	7039	High	3319	2387 – 4251
Control Level B	28-7022-B	1 mL	7039	Mid	1498	1207 – 1789
Control Level C	28-7022-C	1 mL	7039	Low	397	300 – 494
RO Water	28-7022W	4 mL	51314			

**Preparation and Handling**

The VEGF<sub>165</sub> ELISA Controls are supplied lyophilized and must be reconstituted before use.

- a) Prior to opening the vials, ensure the dried material is located at the bottom of each vial by gently tapping the vial to reposition the material.
- b) Reconstitute the Controls by careful and accurate addition of 1.0 mL of the RO Filtered Water included with this kit. Replace the rubber stopper, gently swirl the vials, and then allow them to sit for 5 minutes. Gently invert the vials to ensure that all of the lyophilized material is dissolved and to ensure a uniform concentration throughout the solution. When the Lyophilized Controls are completely reconstituted they are ready for dilution and assay.  
**IMPORTANT: Minimize the time liquid, Reconstituted Controls are kept at room temperature. Store frozen at or below minus 18°C immediately after each use.**
- c) After reconstitution, Controls must be diluted 1:10 into the VEGF<sub>165</sub> ELISA Sample Diluent provided with VEGF<sub>165</sub> ELISA kit. For example, 0.050mL of Control may be diluted into 0.450mL of Sample Diluent. Controls should be added to the VEGF<sub>165</sub> ELISA microtiter plate at 100 µl/well and the ELISA procedure followed as detailed in the Instructions for Use which accompanies each VEGF<sub>165</sub> ELISA kit.
- d) Liquid, reconstituted Controls must be thawed on ice and refrozen after use.

**Storage**

Dry, Lyophilized Controls at 2-8°C. See outer box label for expiration dating.  
Liquid, reconstituted Controls frozen at or below minus 18°C for up to 30 days.

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