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**Cat. No. S-1364**  
**[Deamino-Cys<sup>1</sup>, D-Arg<sup>8</sup>]-Vasopressin**  
**(Desmopressin)**  
**(For human serum and plasma samples)**

**SPECIFICATIONS:** Extraction-free kit for human serum/plasma

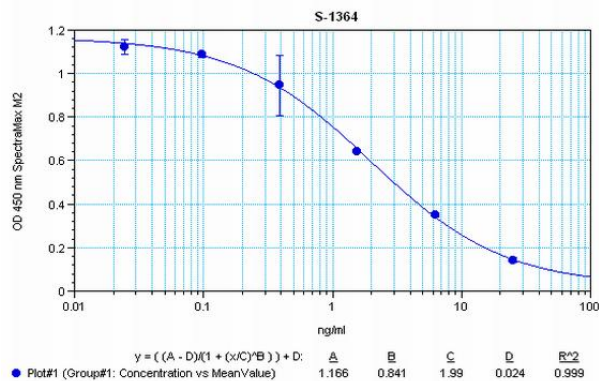
**STANDARD:** 1 µg H-7675 3-Mercaptopropionyl-Tyr-Phe-Gln-Asn-Cys-Pro-D-Arg-Gly-NH<sub>2</sub>,  
 (Disulfide bond)

**PROTOCOL:** V (Ab1hr.Std2hr.BtON)

**RANGE:** 0-25 ng/ml

**AVERAGE IC<sub>50</sub>:** 1.0 ng/ml

**SHELF-LIFE:** One year from production date



| Suggested Preparation of Standards |       |                                  |
|------------------------------------|-------|----------------------------------|
|                                    | ng/ml | Range: 0.02 to 25 ng/ml          |
| Stock                              | 1000  |                                  |
| S1                                 | 25.00 | Add 25 µl stock + 975 µl diluent |
| S2                                 | 6.25  | Add 200 µl S1 + 600 µl diluent   |
| S3                                 | 1.56  | Add 200 µl S2 + 600 µl diluent   |
| S4                                 | 0.39  | Add 200 µl S3 + 600 µl diluent   |
| S5                                 | 0.10  | Add 200 µl S4 + 600 µl diluent   |
| S6                                 | 0.02  | Add 200 µl S5 + 600 µl diluent   |
| S0                                 | 0.00  | 500 µl diluent                   |

**CROSS REACTION:**

| PEPTIDE                                                                                                     | %   |
|-------------------------------------------------------------------------------------------------------------|-----|
| [Deamino-Cys <sup>1</sup> , D-Arg <sup>8</sup> ]-Vasopressin (Desmopressin; DDAVP)                          | 100 |
| [D-Arg <sup>8</sup> ]-Vasopressin                                                                           | 7   |
| Oxytocin                                                                                                    | 7   |
| [Arg <sup>8</sup> ]-Vasopressin                                                                             | 4   |
| [d-(CH <sub>2</sub> ) <sub>5</sub> , D-Ile <sup>2</sup> , Ile <sup>4</sup> , Arg <sup>8</sup> ]-Vasopressin | 0   |
| ACTH 1-39 (human)                                                                                           | 0   |
| LHRH                                                                                                        | 0   |