

## CERTIFICATE OF ANALYSIS

### Product Information

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|                                |   |
|--------------------------------|---|
| Product Name                   | CHO-K1/OXTR   |
| Cat. No.                       | M00195  |
| Lot No.                        | R10191912-4   |
| Host Cell:                     | CHO-K1  |
| Target Gene:                   | OXTR  |
| Quantity:                      | 2 vials of frozen cells, > 1x10 <sup>6</sup> cells/vial |
| Shipping Condition:            | Dry Ice   |
| Recommended Storage Condition: | Liquid Nitrogen   |

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### Stable Cell Line Information

**Recommended Cell Culture Medium:** Ham's F-12, 10% FBS, 400 µg/ml G418

**Freeze Medium:** 45% culture medium, 45% FBS, 10% DMSO

**Application:** Calcium Flux assay on OXTR receptor.

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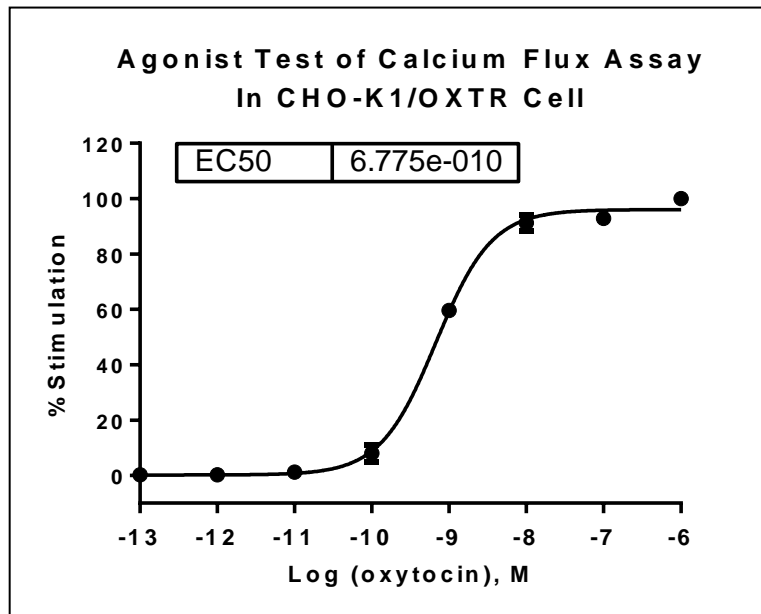
| Test Item      | Specification      | Result                                       |
|----------------|--------------------|--|
| Mycoplasma     | Negative*          | Negative*                                    |
| Cell viability | >90%               | 95%  |
| Function assay | Calcium Flux assay | EC <sub>50</sub> = 6.775x10 <sup>-10</sup> M |

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\* The mycoplasma test was performed with MycoAlert™ PLUS Mycoplasma Detection Kit of Lonza.

## Appendix

### Calcium Flux Assay



Oxytocin induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/OXTR cells,  $EC_{50} = 6.775 \times 10^{-10}$  M.

### Caution

For research use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: *Wang Yue* Date: 01/17/2020  
Department of New Technology