

## CERTIFICATE OF ANALYSIS

### Product Information

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|--------------------------------|---|
| Product Name                   | CHO-K1/5-HT2B   |
| Cat. No.                       | M00249  |
| Lot No.                        | R10061908   |
| Host Cell:                     | CHO-K1  |
| Target Gene:                   | 5-HT2B  |
| 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-12K, 10% FBS, 200 µg/ml Zeocin

**Plate Seeding Medium:** Ham's F-12K, 10% dialyzed FBS

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

**Application:** Calcium Flux assay on 5-HT2B receptor.

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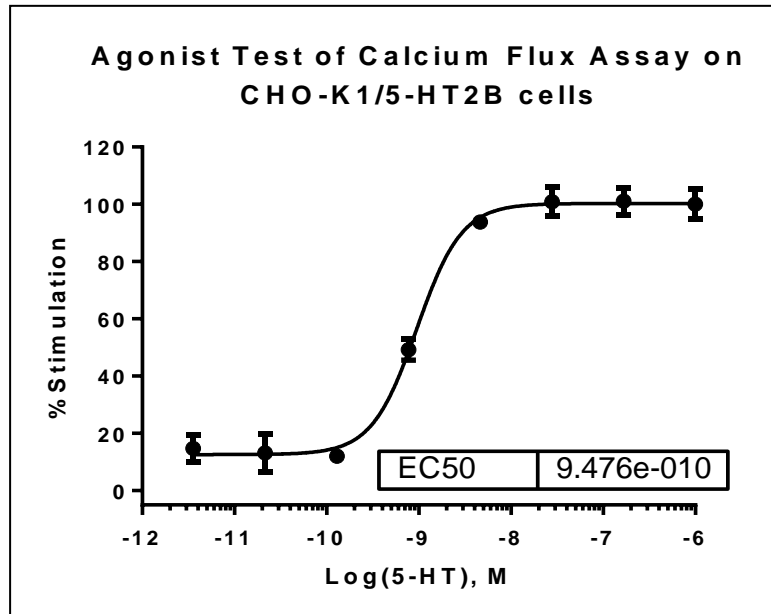
| Test Item      | Specification      | Result                                       |
|----------------|--------------------|--|
| Mycoplasma     | Negative*          | Negative*                                    |
| Cell viability | >90%               | 95%  |
| Function assay | Calcium Flux assay | EC <sub>50</sub> = 9.476x10 <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



5-HT induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/5-HT2B cells,  $EC_{50} = 9.476 \times 10^{-10}$  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: 09/03/2019  
Department of New Technology