

病魚由来 *Lactococcus garvieae* のEM, LCM及びOTCに対するMIC分布 (2011~2019)

| 薬剤 | 年度 | ≦0.125 | 0.25 | 0.5 | 1 | 2 | 4 | 8 | 16 | 32 | 64 | 128 | 256 | 512 | >512 | 耐性率 (%) | BP (μg/mL) | MIC ₅₀ | MIC ₉₀ | 株数 |
|-----|------|--------|------|-----|----|----|---|---|----|----|----|-----|-----|-----|------|---------|------------|-------------------|-------------------|-----|
| EM | 2011 | 16 | 9 | 2 | | | | | | | | | | | | 0.0 | 8 | ≦0.125 | 0.25 | 27 |
| | 2012 | 18 | 14 | 3 | | | | | | | | | | | 4 | 10.3 | 8 | 0.25 | 0.5 | 39 |
| | 2013 | 13 | 8 | | | | | | | | | | | | | 0.0 | 8 | ≦0.125 | 0.25 | 21 |
| | 2014 | 15 | 1 | | | | | | | | | | | | | 0.0 | 8 | ≦0.125 | ≦0.125 | 16 |
| | 2015 | 20 | 6 | | | | | 1 | | | | | | | | 3.7 | 8 | ≦0.125 | 0.25 | 27 |
| | 2016 | 18 | 4 | 1 | | | | | | | 1 | | 1 | | | 8.0 | 8 | ≦0.125 | 0.25 | 25 |
| | 2017 | 84 | 11 | 7 | | | | 1 | | | | | | 2 | | 1.9 | 8 | ≦0.125 | 0.25 | 105 |
| | 2018 | 135 | 14 | | | | | | | | | | | | | 0.0 | 8 | ≦0.125 | ≦0.125 | 149 |
| | 2019 | 150 | 22 | 12 | 3 | 1 | | 1 | | | | | 1 | 2 | 2 | 3.1 | 8 | ≦0.125 | 0.5 | 194 |
| LCM | 2011 | | | 2 | | | 1 | | | | 24 | | | | | 92.6 | 4 | 64 | 64 | 27 |
| | 2012 | 6 | 3 | | | | | 1 | 6 | 15 | 3 | | | | 5 | 76.9 | 4 | 32 | >512 | 39 |
| | 2013 | | 4 | | 1 | 1 | | 1 | 2 | 12 | | | | | | 71.4 | 4 | 32 | 32 | 21 |
| | 2014 | | 6 | | | | | | | 10 | | | | | | 62.5 | 4 | 32 | 32 | 16 |
| | 2015 | 4 | 3 | 3 | 1 | | | | | 12 | 4 | | | | | 59.3 | 4 | 32 | 32 | 27 |
| | 2016 | 5 | 1 | | | | | | 2 | 8 | 8 | 1 | | | | 76.0 | 4 | 32 | 64 | 25 |
| | 2017 | 2 | 16 | 18 | 5 | | | 3 | | 38 | 22 | 1 | | | | 61.0 | 4 | 32 | 64 | 105 |
| | 2018 | | 60 | 16 | 25 | 1 | | | | 2 | 19 | 25 | 1 | | | 31.5 | 4 | 0.5 | 64 | 149 |
| | 2019 | | 47 | 10 | 17 | 13 | 1 | | | | 88 | 12 | 1 | 5 | | 55.2 | 4 | 64 | 64 | 194 |
| OTC | 2011 | | | 5 | 9 | 12 | 1 | | | | | | | | | 0.0 | 8 | 1 | 2 | 27 |
| | 2012 | | | 3 | 21 | 5 | 5 | | | | | 5 | | | | 12.8 | 8 | 1 | 128 | 39 |
| | 2013 | 6 | 15 | | | | | | | | | | | | | 0.0 | 8 | 0.25 | 0.25 | 21 |
| | 2014 | | 6 | 10 | | | | | | | | | | | | 0.0 | 8 | 0.5 | 0.5 | 16 |
| | 2015 | | | 6 | 15 | 5 | | 1 | | | | | | | | 3.7 | 8 | 1 | 2 | 27 |
| | 2016 | 2 | 4 | 3 | 10 | 4 | | | | | | 1 | | | 1 | 8.0 | 8 | 1 | 2 | 25 |
| | 2017 | 26 | 34 | 26 | 17 | 1 | 1 | | | | | | | | | 0.0 | 8 | 0.25 | 1 | 105 |
| | 2018 | 3 | 27 | 79 | 37 | 3 | | | | | | | | | | 0.0 | 8 | 0.5 | 1 | 149 |
| | 2019 | 6 | 78 | 81 | 23 | 1 | | | | | | | 4 | 1 | | 2.6 | 8 | 0.5 | 1 | 194 |

BPはすべて微生物学的BP