**Macropinocytosis of pHrodo™ Red dextran by infected PEMs at the three culture systems (static, slow flow rate 1.45 x 10⁻⁹ m/s and fast flow rate 1.23 x 10⁻7 m/s ).**

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|  | **Concentration of dextran ± SD µg/mg protein** |
| **Time/Hour** | **infected cells - static system** | **Infected cells -1.45 x 10-9 m/s** | **Infected cells - 1.23 x 10-7 m/s** |
| 0.5 | 0.92 ± 0.1 | 0.29 ± 0.01 | 0 ± 0.0 |
| 1 | 2.8 ± 0.2 | 0.68 ± 0.5 | 0.13 ± 0.06 |
| 2 | 3.78 ± 0.5 | 1.75 ± 0.5 | 1.32 ± 0.2 |
| 4 | 7.1 ± 0.8 | 3.17 ± 0.9 | 2.29 ± 0.7 |
| 24 | 25.3 ± 0.9 | 15.1 ± 1 | 9.54 ± 1.2 |

The data show means ± standard deviations (SD), N=3. Infection rate was > 80%.