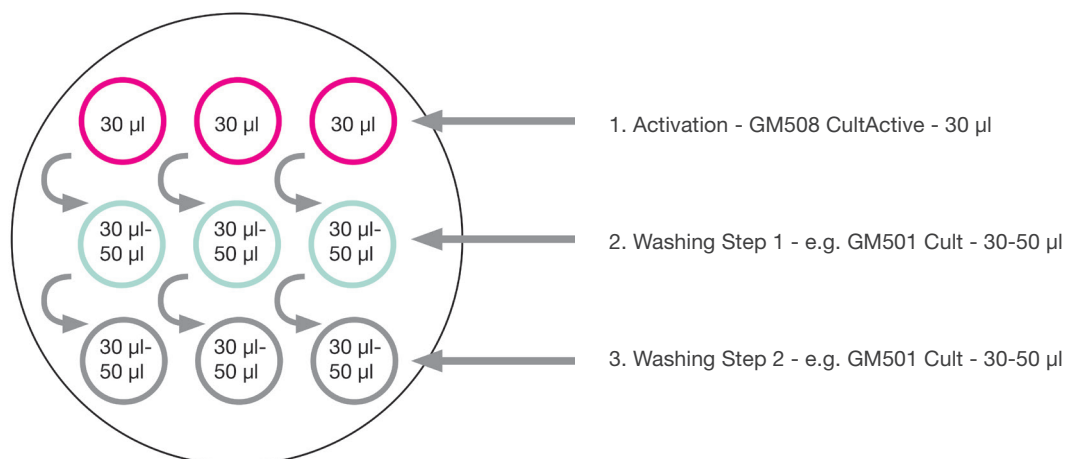




# GM508 CultActive



1. GM508 CultActive must be shaken directly before use for approximately 30 sec.
2. GM508 CultActive must be equilibrated 4 hours in a vial not firmly closed at 5 - 7% CO<sub>2</sub> and 37 °C prior to use.
3. Equilibrate culture medium for washing (e.g. GM501 Cult) for 4 hours in a vial not firmly closed at 5 - 7 % CO<sub>2</sub> and 37 °C prior to use.
4. Prepare for each oocyte 1 drop (30.00 µl) GM508 CultActive and 2 drops (30.00 - 50.00 µl) culture medium MOPS and HEPES free, (e.g. GM501 Cult). An oil overlay of the drops using suitable oil (e.g. GM501 Mineral Oil) is recommended. Please be aware that protein-free media drops (e.g. GM508 CultActive) can exhibit slightly different dynamic properties compared to other media.
5. Immediately after the ICSI procedure incubate the oocytes for 15 minutes in the pre-equilibrated Ca<sup>2+</sup>-Ionophore GM508 CultActive drops. (See picture below - Step 1 - Activation)
6. Remove the oocytes from the GM508 CultActive drop and wash twice in culture media. This has to be done in a HEPES or MOPS free media, e.g. GM501 Cult media. (See picture below - step 1 and 2 - washing)
7. Put the oocytes in your culture medium for further culture.
8. Assess the development on select time points.



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