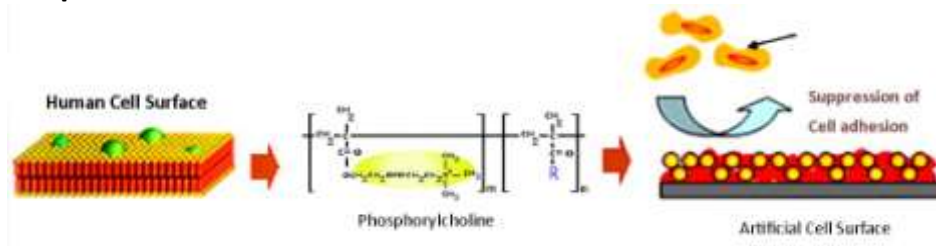


How Does Lipidure® -COAT Work?



- 1. Low-adhesion surface promotes cell aggregation & spheroid formation.
- 2. Uses MPC Polymer: a biocompatible polymer containing Phosphorylcholine (which is found in cell membranes).
- 3. Completely synthetic, containing no substances of biological origin.

Coating Protocol:

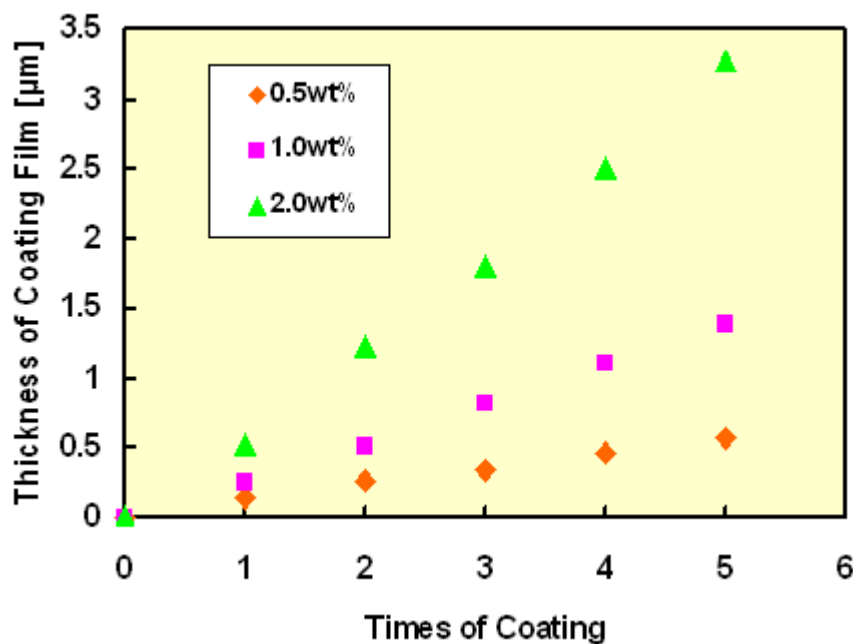
1. Dissolve Lipidure®-CM in ethanol and prepare a 0.5wt% ethanol solution.
2. Dip the base material into the coating solution for 1 min
(or place Lipidure solution on substrate and coat evenly)
3. Dry the coated material at room temperature or one hour at 50°C.

Once reconstituted, the solution can be stored at room temperature. It is best to reconstitute in a glass container (rather than plastic), as some plastic might bleed from plastic container into Lipidure solution.

Lipidure®-CM can be coated on the following substrates:

Plastics (PET, PMMA, PSt, PU, PC, PE, PP)
Glass, Ceramics and Metals (SUS, titanium, gold)

Relationship between number of times coating was applied and thickness of coating film



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