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| --- | --- | --- | --- | --- | --- | --- |
| Vaccine type | Z-Average (d.nm) | Polydispersity index (PDI) | Zeta potential (mV) | Absorption efficacy, % | | |
| Ovalbumin | MDP | MPLA |
| Alum | 643,0 ± 22,6 | 0,438 ± 0,156 | + 26,8±1,42 | - | - | - |
| Alum + ova | 706 ± 53,9 | 0,657 ± 0,225 | + 25,0±1,14 | 98,9±0,4 | - | - |
| Alum + ova + MPLA | 769 ± 88,17 | 0,812 ± 0,040 | + 21,1±1,43 | 98,6±0,2 | - | 93,4±0,9 |
| Alum + ova + MDP | 764 ± 71,8 | 0,713 ± 0,177 | + 23,6±1,08 | 98,7±0,3 | 99,2±0,1 | - |
| Alum + ova +  MDP + MPLA | 839,0 ± 128,54 | 0,753 ± 0,128 | +18,02±1,17 | 98,4±0,2 | 99,1±0,1 | 90,7±0,4 |