Supplemental Information

Development of an Inactivated Vaccine

Candidate, BBIBP-CorV, with Potent

Protection against SARS-CoV-2

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Supplementary Table 1. Seroconversion rates. Related to Figure 2.

| Seroconversion rate in one-dose immunization group (mice) (Related to Figure 2a) | Seroconversion rate (%) |
|---|---|---|---|---|
| | 7 days | 14 days | 21 days | 28 days |
| mice (D0) | | | | |
| 2 µg/dose (Low) | 100 | 100 | 100 | 100 |
| 4 µg/dose (Middle) | 100 | 100 | 100 | 100 |
| 8 µg/dose (High) | 100 | 100 | 100 | 100 |

| Seroconversion rate in two-dose immunization group (mice) (Related to Figure 2b) | Seroconversion rate (%) |
|---|---|---|---|---|
| | D0/D7 14 days | D0/D14 21 days | D0/D21 28 days |
| mice | | | | |
| 2 µg/dose (Low) | 100 | 100 | 100 |
| 4 µg/dose (Middle) | 100 | 100 | 100 |
| 8 µg/dose (High) | 100 | 100 | 100 |

| Seroconversion rate in three-dose immunization group (mice) (Related to Figure 2c) | Seroconversion rate (%) |
|---|---|---|---|---|
| | 7 days | 14 days | 21 days | 28 days |
| mice (D0/D7/D14) | | | | |
| 2 µg/dose (Low) | 100 | 100 | 100 | 100 |
| 4 µg/dose (Middle) | 100 | 100 | 100 | 100 |
| 8 µg/dose (High) | 100 | 100 | 100 | 100 |

| Seroconversion rate of different animals in one-dose immunization group (Related to Figure 2e) | Seroconversion rate (%) at 21 day |
|---|---|---|---|---|
| animal (D0) | rabbit | guinea pig | rat | mice |
| 2 µg/dose (Low) | 100 | 100 | 100 | 100 |
| 4 µg/dose (Middle) | 100 | 100 | 100 | 100 |
| 8 µg/dose (High) | 100 | 100 | 100 | 100 |

| Seroconversion rate of different animals in three-dose immunization group (Related to Figure 2f) | Seroconversion rate (%) at 21 day |
|---|---|---|---|---|---|
| animal (D0/D7/D14) | rabbit | cynomolgus monkey | guinea pig | rat | mice |
| 2 µg/dose (Low) | 100 | 100 | 100 | 100 | 100 |
| 4 µg/dose (Middle) | 100 | 100 | 100 | 100 | 100 |
| 8 µg/dose (High) | 100 | 100 | 100 | 100 | 100 |