## Efficacy against infection

| Vaccine | 0 = delta, 1 = omicron | 90d pd2 | 180d pd2 | 30d pb | 60d pb | 90d pb | 120d pb | 150d pb | 180d pb | 365d pb |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AZ\_AZ | 0 | 56.5 (55.7-57.2) | 38.3 (37-39.2) | 87.5 (84.1-90.1) | 80.2 (75.4-84.1) | 72.4 (66.4-77.3) | 65.3 (58.7-71) | 59.7 (52.5-65.8) | 55.6 (48.2-61.9) | 43.7 (35.3-51) |
| AZ\_AZ | 1 | 12 (11.5-12.4) | 6.1 (5.8-6.4) | 42.4 (35.8-48.9) | 29.9 (24.4-35.7) | 21.6 (17.2-26.4) | 16.5 (13-20.4) | 13.4 (10.4-16.8) | 11.6 (8.9-14.5) | 7.5 (5.4-9.8) |
| MD\_MD | 0 | 82.7 (81.9-83.1) | 69.5 (67.9-70.4) | 94.4 (94.1-94.6) | 90.7 (90.2-91) | 86.2 (85.5-86.7) | 81.8 (80.8-82.4) | 78 (76.7-78.8) | 74.9 (73.4-75.9) | 65.1 (60-67.7) |
| MD\_MD | 1 | 33.3 (32.1-34.1) | 19.3 (18.1-20) | 63.8 (62.6-64.3) | 50.5 (49.1-51.4) | 39.7 (38.2-40.7) | 32.1 (30.6-33.1) | 27.1 (25.7-28.1) | 23.9 (22.5-24.9) | 16.3 (13.7-17.9) |
| PF\_PF | 0 | 76 (75.3-76.3) | 60.1 (58.8-60.8) | 92.7 (92.4-92.9) | 88 (87.5-88.3) | 82.6 (81.9-83) | 77.3 (76.4-77.9) | 72.8 (71.7-73.6) | 69.4 (67.8-70.3) | 58.5 (53.1-61.3) |
| PF\_PF | 1 | 24.9 (24.1-25.4) | 13.7 (12.9-14.1) | 57.1 (56.2-57.4) | 43.5 (42.5-44.1) | 33.2 (32.1-33.9) | 26.3 (25.3-27) | 22 (20.9-22.6) | 19.2 (18.1-19.9) | 12.9 (10.6-14.2) |

## Efficacy against severe disease

| Vaccine | 0 = delta, 1 = omicron | 90d pd2 | 180d pd2 | 30d pb | 60d pb | 90d pb | 120d pb | 150d pb | 180d pb | 365d pb |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AZ\_AZ | 0 | 90.7 (90.2-91.1) | 82.4 (81.1-83.2) | 98.1 (97.6-98.6) | 96.8 (95.9-97.6) | 95.2 (93.7-96.3) | 93.4 (91.4-94.9) | 91.8 (89.2-93.6) | 90.4 (87.4-92.5) | 85.4 (80-88.8) |
| AZ\_AZ | 1 | 50.7 (48.9-52.1) | 32.9 (30.9-34.4) | 84.7 (80.7-88) | 76.2 (70.8-80.8) | 67.4 (61-73.1) | 59.8 (52.6-66.2) | 53.9 (46.6-60.6) | 49.7 (42.2-56.5) | 38 (29.8-45.3) |
| MD\_MD | 0 | 97.3 (97.1-97.5) | 94.5 (93.9-94.8) | 99.2 (99.1-99.3) | 98.7 (98.5-98.7) | 97.9 (97.7-98) | 97.1 (96.9-97.3) | 96.4 (96-96.6) | 95.7 (95.3-96.1) | 93.3 (91.7-94.2) |
| MD\_MD | 1 | 79 (77.5-80) | 64.2 (61.7-65.9) | 93 (92.4-93.3) | 88.5 (87.6-89) | 83.2 (81.9-84.1) | 78 (76.4-79.2) | 73.7 (71.7-75) | 70.3 (68-71.8) | 59.5 (53.9-62.7) |
| PF\_PF | 0 | 96 (95.7-96.2) | 91.9 (91.2-92.3) | 99 (98.9-99) | 98.2 (98.1-98.3) | 97.3 (97.1-97.4) | 96.2 (95.9-96.4) | 95.3 (94.9-95.5) | 94.5 (93.9-94.8) | 91.4 (89.3-92.4) |
| PF\_PF | 1 | 71.4 (69.9-72.5) | 54.3 (52-55.9) | 90.9 (90.3-91.3) | 85.3 (84.3-85.9) | 78.9 (77.6-79.8) | 72.9 (71.2-74) | 67.9 (65.8-69.2) | 64.1 (61.7-65.7) | 52.6 (46.9-56) |

## Efficacy against death

| Vaccine | 0 = delta, 1 = omicron | 90d pd2 | 180d pd2 | 30d pb | 60d pb | 90d pb | 120d pb | 150d pb | 180d pb | 365d pb |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AZ\_AZ | 0 | 90.5 (89.1-91.7) | 82 (79.5-84.1) | 98.1 (97.3-98.6) | 96.8 (95.5-97.6) | 95.1 (93.2-96.3) | 93.2 (90.7-94.9) | 91.6 (88.5-93.6) | 90.2 (86.5-92.5) | 85.1 (79.5-88.6) |
| AZ\_AZ | 1 | 50 (46-53.8) | 32.3 (28.8-35.9) | 84.4 (79.3-87.8) | 75.8 (68.9-80.7) | 66.8 (58.9-72.9) | 59.1 (50.8-66) | 53.3 (44.6-60.5) | 49 (40.3-56.3) | 37.4 (28.8-44.8) |
| MD\_MD | 0 | 97.2 (96.7-97.6) | 94.3 (93.3-95.1) | 99.2 (99-99.3) | 98.6 (98.4-98.8) | 97.9 (97.5-98.1) | 97.1 (96.5-97.4) | 96.3 (95.6-96.8) | 95.6 (94.8-96.2) | 93.2 (91.3-94.3) |
| MD\_MD | 1 | 78.6 (75.5-81.1) | 63.6 (59.2-67) | 92.8 (91.6-93.7) | 88.2 (86.4-89.6) | 82.8 (80.3-84.9) | 77.6 (74.4-80.1) | 73.2 (69.5-75.9) | 69.7 (65.7-72.7) | 58.9 (52.3-63.6) |
| PF\_PF | 0 | 95.9 (95.2-96.4) | 91.7 (90.3-92.8) | 98.9 (98.7-99.1) | 98.2 (97.8-98.4) | 97.2 (96.7-97.6) | 96.2 (95.4-96.6) | 95.2 (94.3-95.8) | 94.3 (93.3-95) | 91.2 (88.8-92.7) |
| PF\_PF | 1 | 70.8 (67.3-73.9) | 53.7 (49.3-57.3) | 90.7 (89.1-91.8) | 85 (82.7-86.6) | 78.5 (75.5-80.8) | 72.4 (68.8-75.2) | 67.4 (63.4-70.5) | 63.5 (59.3-66.9) | 52 (45.4-56.6) |