

**Microbionix GmbH**

Datareport Testing Service TS\_00xx-08

Invitrogen 5-plex (human cell culture supernatants)

Tab. Recovery rate of the standards

|                   | TNFa   |              |          | IL-5   |              |          | IL-4   |              |          |
|-------------------|--------|--------------|----------|--------|--------------|----------|--------|--------------|----------|
|                   | Target | Actual Value | Recovery | Target | Actual Value | Recovery | Target | Actual Value | Recovery |
| <b>Standard A</b> | 7860   | 9005,0       | 114,6%   | 6600   | 6895,0       | 104,5%   | 10300  | 10535,0      | 102,3%   |
| <b>Standard B</b> | 2620   | 2620,0       | 100,0%   | 2200   | 2200,0       | 100,0%   | 3433   | 3425,0       | 99,8%    |
| <b>Standard C</b> | 873    | 873,0        | 100,0%   | 733    | 740,5        | 101,0%   | 1144   | 1155,0       | 100,9%   |
| <b>Standard D</b> | 291    | 296,5        | 101,9%   | 244    | 242,0        | 99,0%    | 381    | 372,0        | 97,5%    |
| <b>Standard E</b> | 97,0   | 93,1         | 95,9%    | 81,5   | 81,8         | 100,3%   | 127,2  | 130,0        | 102,2%   |
| <b>Standard F</b> | 32,3   | 33,6         | 103,7%   | 27,2   | 27,3         | 100,3%   | 42,4   | 41,8         | 98,5%    |
| <b>Standard G</b> | 10,8   | 10,8         | 100,0%   | 9,1    | 9,0          | 99,8%    | 14,1   | 14,2         | 100,5%   |

|                   | IL-2   |              |          | IFNy   |              |          |
|-------------------|--------|--------------|----------|--------|--------------|----------|
|                   | Target | Actual Value | Recovery | Target | Actual Value | Recovery |
| <b>Standard A</b> | 10870  | 10090,0      | 92,8%    | 5830   | 5780,0       | 99,1%    |
| <b>Standard B</b> | 3623   | 4060,0       | 112,1%   | 1943   | 2035,0       | 104,7%   |
| <b>Standard C</b> | 1208   | 1170,0       | 96,9%    | 648    | 647,5        | 100,0%   |
| <b>Standard D</b> | 403    | 386,0        | 95,9%    | 216    | 211,0        | 97,7%    |
| <b>Standard E</b> | 134,2  | 142,0        | 105,8%   | 72,0   | 71,1         | 98,8%    |
| <b>Standard F</b> | 44,7   | 42,7         | 95,5%    | 24,0   | 24,5         | 101,9%   |
| <b>Standard G</b> | 14,9   | 15,4         | 103,3%   | 8,0    | 8,2          | 101,9%   |