

| Eurofins | | | | | | |
|----------|-----------------|--------------|--------------|-----|-------------|--|
| mAb | growth platform | cells seeded | culture days | mg | mg/l medium | |
| mAbX1 | CELLINE | 30.106 | 30 | 35 | 0,015 | |
| mAbX2 | EZ FLASK | 70.106 | 15 | 117 | 117 | |
| mAbX3 | EZ FLASK | 70.106 | 30 | 111 | 111 | |

| Device | Production in mg |
|----------|------------------|
| CELLINE | 35 |
| EZ FLASK | 114 |

The bar chart, titled 'TOTAL', displays the total production in milligrams for two growth platforms. The x-axis lists 'CELLINE' and 'EZ FLASK'. The y-axis represents the production amount. A legend indicates that the blue bars represent 'Total' production. The bar for CELLINE reaches a value of 35, and the bar for EZ FLASK reaches a value of 114.

| Device | Total Production (mg) |
|----------|-----------------------|
| CELLINE | 35 |
| EZ FLASK | 114 |

DIA PRO
(Italy)

| Device | Hybridoma cell line | N° cells/cm2 | Start ml Medium | Medium | ml addition of medium | Final harvest after | Volume collected | IgG obtained after purification | Total cost of materials for IgG obtained |
|----------|---------------------|--------------|-----------------|--------------|----------------------------|---------------------|------------------|--|--|
| EZ-FLASK | 27A | 125,000 | 250 ml | DMEM 10% FCS | 250 ml added every 7 days | 28 days | 1000 ml | 100 mg purif. by Mab select rProtein A | 200 euro |
| EZ-FLASK | 27A | 125,000 | 250 m | DMEM 10% FCS | 250 ml added every 7 days | 28 days | 1000 ml | 180 mg purif. by Mab select rProtein A | 200 euro |
| EZ-FLASK | 27A | 125,000 | 500 ml | DMEM 10% FCS | 500 ml added every 14 days | 28 days | 1000 ml | 20 mg purif. by HiTrap Protein G HP | 200 euro |
| EZ-FLASK | 2B3 | 125,000 | 500 ml | DMEM 10% FCS | 500 ml added every 14 days | 28 days | 1000 ml | 68 mg purif. by Mab select rProtein A | 200 euro |
| EZ-FLASK | AyN | 125,000 | 500 ml | DMEM 10% FCS | 500 ml added every 14 days | 28 days | 1000 ml | 46 mg purif. by Mab select rProtein A | 200 euro |
| EZ-FLASK | AyN | 125,000 | 500 ml | DMEM 10% FCS | 500 ml added every 14 days | 28 days | 1000 ml | 40 mg purif. by Mab select rProtein A | 200 euro |

| Device | Hybridoma cell line | Start n° cell/15 ml | Start ml Medium | Medium | ml addition medium | durata coltura | Volume ottenuto | IgG ottenute | Cost |
|--------------|---------------------|----------------------|-----------------|--------------|---|----------------|-----------------|---------------------------------------|----------|
| CELLine 1000 | 27A | 25 x 10 ⁶ | 15 | DMEM 15% FCS | External compartment 1000 ml every 7 days | 75 days | 240 ml | 66 mg purif. by Mab select rProtein A | 450 euro |
| CELLine 1000 | AyN | 25 x 10 ⁶ | 15 | DMEM 15% FCS | External compartment 1000 ml every 7 days | 75 days | 200 ml | 23 mg purif. by Mab select rProtein A | 384 euro |