

Module 2 Documentation: Upstream Process Batch Record

Team
Logo

Team Name: _____

Upstream Process Batch Record

1. Inoculate RFP+ or GFP+ bacterial into a small liquid culture of LB/Amp:

| Name | Initials | Date Month Day Year Ex: 03242022 |
|------|----------|--|
| | | |

2. Culture scale up to 50 mL LB/Amp:

| Time (minutes) | OD600 Readings | |
|----------------|-------------------|--|
| 0 | | |
| 15 | | |
| 30 | | |
| 45 | | |
| 60 | | |
| 75 | | |
| 90 | | |
| Name | Initials | Date Month Day Year Ex: 03242022 |
| | | |

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3. Induce RFP/GFP expression by adding arabinose to a final concentration of 1X:

| Name | Initials | Date Month Day Year Ex: 03242022 |
|-------------|-----------------|--|
| | | |

4. Determine bacterial concentration per mL via serial dilution /plating:

Number of bacteria (cfu/mL):

| # of bacteria | Name | Initials | Date Month Day Year Ex: 03242022 |
|----------------------|-------------|-----------------|---|
| | | | |

Final Approval

| | Name | Initials | Date Month Day Year Ex: 03242022 |
|-----------------------------|-------------|-----------------|---|
| Upstream Technician: | | | |
| QA Technician: | | | |