

## Analysis Request – PCR-Based Detection of Herbicide Resistance (Leaf Material)

*Important: Please make sure to specify the exact plant species!*

### 1. Client Information

Company / Project:: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone / Email: \_\_\_\_\_

Billing Address: \_\_\_\_\_

### 2. Sample Information

Number of leaf samples submitted (minimum of 8 per species): \_\_\_\_\_

Origin of samples (field / location): \_\_\_\_\_

Crop species: \_\_\_\_\_

**Target weed / target plant::** \_\_\_\_\_

### 3. Services Requested (please check options for DNA sequencing)

- ☒ DNA extraction from plant material
- ☒ PCR detection of specific resistance markers
- ☒ DNA (Sanger) sequencing (external service)
  - ☐ Target gene ACCase (HRAC Group 1 herbicides) – €30.00 (excl. VAT) per leaf sample
  - ☐ Target gene ALS (HRAC Group 2 herbicides) – €30.00 (excl. VAT) per leaf sample
  - ☐ Target gene psbA (HRAC Group 5 herbicides) – €30.00 (excl. VAT) per leaf sample
- ☒ SNP analysis (Single Nucleotide Polymorphisms)
- ☒ Diagnostic report with interpretation provided in Excel format

### 4. Additional Notes / Requests

---

---

---

## 5. Pricing for External Leaf Samples

The price is €30.00 (excl. VAT) per leaf sample and per target gene analyzed.

Examples:

*8 leaf samples × 1 target gene = 8 analyses = €240.00 (excl. VAT)*

*8 leaf samples × 2 target genes = 16 analyses = €480.00 (excl. VAT)*

## 6. Shipping of Leaf Samples

Harvest leaf samples from the greenhouse or field (at least 3 cm for grasses, 1 leaf for dicot species). Fold a DIN A4 sheet once and attach the samples inside with a small piece of adhesive tape. Label each attached sample clearly for individual identification (if desired). Place the folded DIN A4 sheet inside a paper envelope and send everything by post, **including this order form**, to:

### Shipping address::

PlantaLyt GmbH  
Vahrenwalder Str. 269 A  
30179 Hannover  
Germany

## 7. Total Price

The total price for the above-ordered analysis is:

\_\_\_\_\_ € (excl. VAT)

Place / Date: \_\_\_\_\_

Signature: \_\_\_\_\_