

| Description |                                                     |     |       |  |  |               |        |  |  |  |
|-------------|-----------------------------------------------------|-----|-------|--|--|---------------|--------|--|--|--|
| DU145       | 69                                                  |     |       |  |  |               |        |  |  |  |
| DU145       | t(11q12q) del(11)(q23) 16q+ del(9)(p11) del(1)(p32) |     |       |  |  | AK-1 ES-D G6P |        |  |  |  |
| DU145       | DU145                                               |     |       |  |  | DU145 30-40   |        |  |  |  |
| DU145       | DU145                                               | PC3 | LNCaP |  |  | PC-3          | DU-145 |  |  |  |

## Organism

## Tissue

## Disease

### Metastatic site

|                 |                                            |
|-----------------|--------------------------------------------|
| <b>Synonyms</b> | DU145, Du-145, DU 145, DU_145, DU.145, 145 |
|-----------------|--------------------------------------------|

**Age** 69

## Gender

## Morphology

## Growth properties

|                 |               |        |
|-----------------|---------------|--------|
| <b>Citation</b> | DU-145 Cytion | 300168 |
|-----------------|---------------|--------|

|                        |   |
|------------------------|---|
| <b>Biosafety level</b> | 1 |
|------------------------|---|

NCBI\_TaxID 9606

**CellosaurusAccession** CVCL\_0105

DU-145 | 300168

**Antigen expression** O Rh+

**Isoenzymes** Me-2 1-2 PGM3 2 PGM1 1 ES-D 1 AK-1 1 G6PD B GLO-1 2 0.0041

**Tumorigenic** II

**Karyotype** (P75)

**Culture Medium** EMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO<sub>3</sub> w EBSS Cytion 820100a

**Supplements** 10% FBS 1% NEAA

**Dissociation Reagent** Accutase

**Subculturing** PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

**Seeding density**  $2 \times 10^4 / \text{cm}^2$  4

**Fluid renewal** 2 3

**Post-Thaw Recovery** 24

**Freeze medium** FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

Product sheet

DU-145 | 300168

Thawing and  
Culturing Cells

|    |         |        |     |    |       |   |     |
|----|---------|--------|-----|----|-------|---|-----|
| 1. |         |        |     |    |       |   |     |
| 2. |         | -150°C |     |    |       | 3 |     |
| 3. |         | 37°C   |     |    | 40-60 |   |     |
| 4. |         |        | 70% |    |       |   |     |
| 5. |         |        | 8   | 15 |       |   |     |
| 6. | 300 x g | 3      |     |    |       |   |     |
| 7. | 10      |        |     |    | T25   |   | T25 |
| 8. |         |        |     |    |       |   |     |

Incubation  
Atmosphere

37°C, 5%<sub>CO2</sub>

Flask Coating

Freezing  
Procedure

-78 °C

Shipping  
Conditions

-78 °C

Storage  
Conditions

-150 -196 -80 °C

Sterility

PCR

Product sheet

DU-145 | 300168

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**HLA**

**A\*:** '03:21N, '33:03:01  
**B\*:** '50:01:01, '57:01:01  
**C\*:** '06:02:01  
**DRB1\*:** '01:01:01, '07:01:01  
**DQA1\*:** '01:01:01, '02:01:01  
**DQB1\*:** '03:03:02, '05:01:01  
**DPB1\*:** '04:01:01  
**E:** '01:01:01, '01:09