

## Genetics made easy –

A new dimension in genetic analysis with live separation



## The world sensation at PHYWE

PHYWE offers with the innovative **TESS set Genetics and the blueGel™ electrophoresis chamber** high-end laboratory technology for little money and easy to use. DNA analysis fast and easy.

Genetics is one of the difficult curricular topics – not only in terms of content, but also in terms of equipment.

**Genetics – Do It Yourself**  
**Simple. Fast. Sensational.**

... all from a single partner!

## Benefits:

- Visualization through modern LED technology
- Easy preparation of the gel using 3-in-1 tablets
- Saving up to 90% of the Reagents
- Power supply & portable darkroom included
- No high voltage – security through automatic power interruption

# Student Set Genetics, TESS advanced Biology

**Your ideal set with high-end laboratory technology for the classroom!**

- Easy experimentation
- Perfect start into the topic of Genetics

## Scope of supply:

- blueGel™ Gel electrophoresis unit with built-in transilluminator
- GelGreen® Agarose Tabs™, 3-in-1 Agarose tablets, pack of 15, for gel-electrophoresis
- Microliter pipette (2-20 µl)
- Pipette tips (96 pieces)
- Exercise card for pipetting
- 2 protecting glasses
- Beaker (100 ml)
- Spoon spatula
- Graduated cylinder (100 ml)
- Erlenmeyer flask (wide neck, 100 ml)



Item number: 15311-88

## blueGel™ Gel electrophoresis unit with built-in transilluminator

### Scope of supply:

- blueGel™ electrophoresis unit
- 2 combs for 9 or 13 wells each
- Power supply
- Foldable darkroom
- Gel casting system

### Technical data:

- Dimensions: 23 cm x 10 cm x 7 cm, about 350 g
- For gels of size 60 x 60 mm (volume from 15 to 20 ml)
- Electrodes: platinum, stainless steel
- Required buffer: approx. 25 ml TBE or TAE (TBE recommended)
- Power supply: AC 100–240 V, 50–60 Hz
- Operating voltage: 48 V



Item number: 35016-99



### Necessary accessories (depending on experiment\*) for 15311-88 and 35016-99

	Item number
GelGreen® Agarose Tabs™, 3 in 1 Agarose tablets, pack of 15 for gel-electrophoresis	35018-61
Kit* Bacterial plasmid DNA in gel electrophoresis	KLA-530-100
Kit* Agarose gel electrophoresis of Lambda DNA	KLA-530-110
Kit* Forensic DNA Fingerprinting (crime scene)	KLA-530-120
Kit* Paternity test of a DNA profile by gel electrophoresis	KLA-530-130
TBE-Electrophoresis buffer, 500 ml, 10x concentrated	KLA-530-223

Make gels simply and quickly – with GelGreen® 3-in-1 Agarose tablets.

Precise weighing and lengthy mixing is no longer necessary. Simply add water to the tabs, boil it and you're done!

