

Microorganisms		
Non-Profit		
Freeze dried culture		50,00 €
Actively growing culture (freeze dried culture not available)		65,00 €
Actively growing culture on request (freeze dried culture available)		150,00 €
Myxococcales		120,00 €
Chlamydia		250,00 €
Phages		50,00 €
DNA, 25 µl, concentration at least 100 ng / µl		80,00 €
Profit		
Freeze dried culture		65,00 €
Actively growing culture (freeze dried culture not available)		100,00 €
Actively growing culture on request (freeze dried culture available)		150,00 €
Myxococcales		140,00 €
Chlamydia		300,00 €
Phages		65,00 €
DNA, 25 µl, concentration at least 100 ng / µl		80,00 €
Schulstämme		
Nur für Allgemeinbildende Schulen innerhalb Deutschlands "Liste schulgeeigneter Bakterien und Pilze"		20,00 €
Additional Services		
Freeze drying of a strain supplied by a customer, 20 ampoules of a single strain (Fees only valid if a culture can be freeze dried by routine methods)		750,00 €
Patent deposit	Patent deposit (for 30 years according to Budapest Treaty)	750,00 €
	Safe Deposit of strains, preservation and first year of storage	250,00 €
Safe deposit	Each further year of storage	75,00 €
	Release of a sample	45,00 €

All orders placed outside Germany are subject to a handling and banking charge depending on the amount of the invoice.

Handling Fee EU except D <= 20,00 €	5,00 €	Handling Fee Non-EU <= 20,00 €	10,00 €
Handling Fee EU except D <= 100,00 €	8,00 €	Handling Fee Non-EU <= 100,00 €	15,00 €
Handling Fee EU except D <= 500,00 €	10,00 €	Handling Fee Non-EU <= 500,00 €	20,00 €
Handling Fee EU except D >= 500,00 €	15,00 €	Handling Fee Non-EU >= 500,00 €	30,00 €

According to the German law, **Risk Group 2** organisms must be forwarded by private carriers using special containers. The costs involved (per 0.5 kg) are:

Shipment	Risk Group 2 – Germany	25,00 €
	Risk Group 2 – Europe	60,00 €
	Risk Group 2 – Rest of World	90,00 €

Please understand that we must pass these costs to our customers.

Identification		
Archaea, Bacteria, Fungi, Yeasts, Plasmids, Bacteriophages	Fee for purification of a culture	from 100,00 €
	Pre-identification (cost related to complexity)	Inquire
	Identification of bacteria	400,00 €
	Identification of fungi or yeasts	140,00 €
Special identification procedures	Production of biomass for the special procedure (cost related to complexity)	250,00 - 600,00 €
	Cellular fatty acid composition (GLC)	75,00 €
	Analysis of quinones (HPLC)	250,00 €
	Analysis of mycolic acid (TLC, GLC)	250,00 €
	Polar lipids (TLC)	250,00 €
Cell wall based analysis	Preparation of purified cell walls	250,00 €
	DAP-Analysis	100,00 €
	Peptidoglycan structure	250,00 €
	Cell wall sugars	120,00 €
DNA based analysis	DNA base composition by HPLC	220,00 €
	Preparation of DNA for DNA - DNA hybridization	220,00 €
	DNA - DNA hybridisation per pair of strains	120,00 €
	Ribotyping per strain	250,00 €
	Partial 16S rDNA sequence analysis	205,00 €
	Full phylogenetic study by complete 16S rDNA sequence analysis	765,00 €
	Genomic DNA from DSMZ strains	Inquire

Patent Deposit	
Storage according to Rule 6.1 of the Budapest Treaty:	
- archaea, bacteria, fungi, yeasts, plasmid DNAs, bacteriophages, plant viruses	750,00 €
- plant cell cultures, human and animal cell cultures	1.350,00 €
Prolongation of the duration of the storage over the one provided by Rule 9 of the Budapest Treaty, per year:	
- archaea, bacteria, fungi, yeasts, plasmid DNAs, bacteriophages, plant viruses	25,00 €
- plant cell cultures, human and animal cell cultures	45,00 €
Issuance of a viability statement under Rule 10.2 of the Budapest Treaty:	
- where a viability test is requested	110,00 €
- on the basis of the last viability test	45,00 €
Furnishing of a sample under Rule 11 of the Budapest Treaty	
(plus current freight costs)	110,00 €

Safe Deposit	
Archaea, bacteria, fungi, yeasts:	
- Safe Deposit of strains, preservation and first year of storage	250,00 €
- Each further year of storage	75,00 €
- Release of a sample of a safe deposit culture	45,00 €
Human and animal cell lines:	
- Safe Deposit per ampoule (per year)	30,00 €
Plant cell cultures:	
- Safe Deposit per ampoule (per year)	30,00 €

Human and Animal Cell Lines		
Cell lines	Frozen culture (one ampoule)	270,00 €
	Growing culture	540,00 €
Shipping and dry ice charges per package	Germany: Shipment of frozen cells on dry ice	60,00 €
	Germany: Shipment of growing cultures in flasks	30,00 €
	Europe ² : Shipment of frozen cells on dry ice	120,00 €
	Europe ² : Shipment of growing cultures in flasks	60,00 €
	North America ¹ : Shipment of frozen cells on dry ice	200,00 €
	Shipping to other countries ²	Inquire
Patent deposit and Safe deposit	Patent deposit (for 30 years according to Budapest Treaty)	1.350,00 €
	Safe deposit (per ampoule and year)	30,00 €
Mycoplasma testing and elimination	Broth-agar microbiological culture method	150,00 €
	Polymerase chain reaction	150,00 €
	Cell culturing for mycoplasma testing (if applicable)	150,00 €
	Mycoplasma elimination and verification	1.500,00 €
Cell culturing	Growth and preservation (including mycoplasma testing) per ampoule:	
	First ampoule (per cell line)	300,00 €
	Any further ampoule (per cell line)	50,00 €
Authentication of human cell lines	Multiplex PCR single locus analysis (per sample)	150,00 €
Detection of viruses	Polymerase chain reaction (per virus out of 6 human pathogenic viruses)	150,00 €
	Cell culturing for virus testing	150,00 €
Detection or verification of species	PCR detection of human and animal species of the panel of DSMZ cell bank	
	One to three samples (per PCR-assay)	150,00 €
	Four to six samples (per PCR-assay)	200,00 €
	PCR detection of monkey cell lines	Inquire
DNA, Cell pellet	DNA isolated from cell lines of the cell culture collection per 25 µg	400,00 €
	Cell pellet from 10-20 x 10 ⁶ cells (excl. transport)	400,00 €

¹ All orders placed from outside Germany will be subject to an additional banking/handling fee.

² Shipments to certain destinations may be subject to an additional surcharge. Deliveries to some destinations will not be undertaken.

For details on techniques and methods used in the above services, please refer to Quality Control and Background Information or contact the DSMZ.

Plant Viruses and Antisera		
Viruses and related materials	Virus inocula incl. infected seeds	80,00 €
	Positive controls for ELISA, sufficient for 10 tests	16,00 €
	Nucleic acid extracts from virus-infected plants	65,00 €
Antisera	Purified polyclonal IgG, 1 mg (in 1 ml)	390,00 €
	ELISA reagents, 100 tests (1 set)	40,00 €
	ELISA reagents, ≥500 tests (≥5 sets) of one antiserum	35,00 €
	ELISA reagents, ≥1000 tests (≥10 sets) of one antiserum	29,00 €
Bulk orders	ELISA reagents for Potato virus detection (PVA, PVM, PVS, PVX, PVY, PLRV), 10 sets (1000 tests), per virus	200,00 €
	ELISA reagents for Potato virus detection (PVA, PVM, PVS, PVX, PVY, PLRV), 50 sets (5000 tests), per virus	300,00 €
	Bulk orders for purified polyclonal and monoclonal antibodies and serological reagents	Inquire
	Cloned nucleic acids	50,00 €
	Seeds	10,00 €
Scientific services	- Molecular diagnosis of virus and viroid infections	Inquire
	- Virus sequence analysis	Inquire
	- Virus inoculum preparation	Inquire
Patent deposit	Patent deposit (for 30 years according to Budapest Treaty)	750,00 €

Plant Cell Cultures		
Profit	Plant cell culture	175,00 €
Non-Profit	Plant cell culture	150,00 €
	Initiation of a cell culture from plant material	Inquire
	Establishment of suspension cultures from a callus	Inquire
	Evaluation of special cryopreservation methods	Inquire
Patent deposit and Safe deposit	Patent deposit (for 30 years according to Budapest Treaty)	1.350,00 €
	Safe deposit (per ampoule and year)	30,00 €