

ZEBRAFISH CORE FACILITY PRICE LIST 2024

The core facility is supported by the Infrastructure Committee of Karolinska Institutet. This funding covers approximately 30 % of the running costs. The remaining costs need to be covered by user fees. All prices include INDI.

CORE FACILITY SUBSCRIPTION FEE

The subscription user fee covers our costs for staff, access to instrumentation, access to core facility-owned fish lines and consumables. The subscription runs until terminated by the user, but for a minimum of 3 months.

The core facility subscription fee is 1660 SEK per month

FEE FOR SCIENTIFIC PROJECTS

The zebrafish core facility can run complete research projects including experimental planning, data acquisition and data interpretation. For details see our homepage or contact us.

Service fee: 800 SEK / hour

FEES FOR ZEBRAFISH LINES OWNED BY RESEARCHERS

FEE FOR TANK SPACE

The tank fee covers basic husbandry of zebrafish lines owned by researchers. The number of tanks occupied is counted once a week and an average number of tanks occupied per month is charged.

The tank fee is 254 SEK per month

FEES FOR REGENERATION OF ZEBRAFISH LINES

Every zebrafish line is included in the compulsory regeneration program. The regeneration protocol is based on the round-robin method to ensure minimal genetic drift. The fee includes mating, sorting, screening, and raising of the new generation. We highly recommend outcrossing every 3rd generation to secure performance of the strain.

Incross regeneration package: 648 SEK/strain

Outcross regeneration package: 1080 SEK/strain

Before using a new line for the first time, as well as for training lines that have not been used in > 8 weeks, we recommend a test-breeding to remove eggs of inferior quality. All fish of a strain will be incrossed, no eggs will be delivered.

Test breeding: 220 SEK / strain

FEES FOR EMBRYOS (< 5 DAYS OLD)

FEE FOR INCROSS

Embryos are ordered in batches of 100.

Fee for ordering incross:	78 SEK base fee
	260 SEK per 100 embryos

FEE FOR OUTCROSS (PAIRWISE CROSS)

One strain will be fin-clipped for safe identification (except if clear morphological difference between genotypes). The fee includes all embryos produced per tank.

Fee for ordering outcross:	108 kr/pairwise cross
Fin-clipping:	30 SEK/animal
Single-housing:	11 SEK/animal/day

ADD-ONS FOR INCROSS AND OUTCROSS

The following add-ons can be ordered together with an incross or an outcross:

Sorting and removing of unfertilized eggs:	97 SEK/100 embryos
Surface disinfection of embryos:	260 SEK/100 embryos
Enzymatic removal of embryo chorion:	260 SEK/100 embryos
Screening of transgenic embryos:	260 SEK/100 embryos

FEES FOR ANIMALS (> 5 DAYS OLD)

FEE FOR NON-SPF ANIMALS

Juveniles, 11 days to 10 weeks, non-sexed	10 SEK per animal
Adults older than 10 weeks, sexed	56 SEK per animal

FEE FOR SPF ANIMALS

Animals are raised in our specific-pathogen-free (SPF) unit and certified-free of *Pseudoloma neurophilia* (the infectious agent for zebrafish microsporidiosis). A health certificate follows every delivery.

Juveniles, 11 days to 10 weeks, non-sexed	32 SEK/animal
Adults older than 10 weeks, sexed	170 SEK/animal

ADD-ONS FOR ANIMALS

The following add-ons can be ordered together with animals older than 3 months:

Tattooing for long-term identification of individual fish:	54 SEK/animal
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FEES FOR FIN-CLIPPING AND GENOTYPING

FEE FOR FIN-CLIPPING

Fin-clipping can be performed by the staff or by the user. Fin-clipped fish are housed in the genotyping rack.

Fin-clipping	30 SEK / animal
Handling and daily inspection of fin-clipped fish:	11 SEK / animal / day

FEE FOR GENOTYPING

The zebrafish core facility can provide a complete genotyping package in collaboration with the KISeq core facility. The prices below are ca. prices and may be adjusted depending on the KISeq core facility pricing.

Basal optimization of primers, FLA etc. for new projects:	3500 SEK
DNA isolation, PCR and FLA for 48 fish:	5800 SEK
DNA isolation, PCR and FLA for 96 fish:	6815 SEK
DNA isolation, PCR and agarose gel for 48 fish:	5890 SEK
DNA isolation, PCR and agarose for 96 fish:	7770 SEK
DNA isolation, PCR and Sanger sequencing for 48 fish:	9500 SEK
DNA isolation, PCR and sanger sequencing for 96 fish:	15650 SEK

NB: prices excluding fin-clipping and daily handling/inspection of the fin-clipped fish.

FEES FOR HIGH-THROUGHPUT IMAGING

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The zebrafish core facility can perform high-throughput imaging of zebrafish embryos in special 96-well plates. Zebrafish can be imaged in both brightfield and fluorescence (DAPI, Cy3, GFP, Texas Red). The imaging fee includes set-up of imaging, max. 4 imaging runs, and delivery of the images.

High-throughput imaging

300 SEK per plate

IMAGING PLATES FOR HIGH-THROUGHPUT IMAGING

For keeping zebrafish embryos in position, 96 well imaging plates (IBIDI) with agarose slits for dorsal or ventral mounting are required. The fee covers the plate itself as well as the preparation of the agarose beds.

Fee for 96-well imaging plates with agarose bed

300 kr per plate

FEES FOR CRYOPRESERVATION AND IVF

FEE FOR CRYOPRESERVATION OF SPERM

For cryopreservation, the testis of 4 males is dissected and up to 10 vials of sperm are frozen in liquid nitrogen. One test-IVF is performed for quality control (included in the fee).

Service fee for cryopreservation

1300 SEK / strain

FEE FOR IVF

For IVF, AB or TL embryos are fertilized with up to 2 vials of frozen sperm. All fertilized embryos and compulsory surface-disinfection post-IVF is included in the price.

Service fee for IVF including > 30 fertilized embryos

900 SEK / strain

FEE FOR LONG-TERM STORAGE OF SPERM SAMPLES

Sperm samples are stored in liquid nitrogen.

Fee for storage of sperm in liquid nitrogen

120 SEK /strain / year

FEES FOR CONSUMABLES

The prices below are ca. prices and may need to be adjusted according to the price of the supplier.

- Fish food O-range grow	140 SEK/kg
- L-type rotifers	500 SEK/mio
- Fish food Zebrafeed 100 – 200 µm	1040 SEK/kg
- Fish food Zebrafeed 200 – 400 µm	820 SEK/kg
- Fish food Zebrafeed 400 – 600 µm	820 SEK/kg
- E3 solution (50 x stock)	150 SEK/l
- Tricaine solution (4 g/l stock)	250 SEK/l

SERVICE FEES FOR EXTERNAL USERS (NON-KI USERS)

- **Orders from external academic research groups** + **30 %**
- **Orders from non-academic customers** + **100 %**