



## 1st strand cDNA Mouse Heart

<b>Product type</b>	: 1st strand cDNA
<b>Catalog No.</b>	: <b>CSR-MD-02</b>
<b>Species</b>	: Mouse : C57BL/6N CrjCrj
<b>Tissue type</b>	: Normal, adult (8-week-old)
<b>Tissue name</b>	: Heart
<b>Concentration</b>	: 25ng/uL
<b>Volume</b>	: 15uL
<b>Size</b>	: 15rxns
<b>Storage buffer</b>	: 10mM Tris-HCl (pH8.0), 1mM EDTA
<b>Storage conditions</b>	: -20°C Avoid multiple freeze/thaw cycles.
<b>Shipping condition</b>	: Dry ice
<b>Shelf life</b>	: One year from date of receipt under proper storage condition.

---

<b>Description</b>	: cDNA was synthesized using mRNA isolated from DNase treated total RNA. Briefly, isolated mRNA was primed by oligo dT primers and reverse transcribed by MMLV reverse transcriptase. This product can be used as template for PCR amplification.
<b>Quality control</b>	: The glyceraldehyde 3-phosphate dehydrogenase (G3PDH) gene was amplified using this product as template, specific primers and commercial DNA polymerase. Following 25 cycles of amplification, PCR product was observed as single band on 1.5% agarose/EtBr gel.

For research use only, Not for diagnosis use.



COSMO BIO CO., LTD.

Inspiration for Life Science

TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN

[http://www.cosmobio.co.jp/index\\_e.asp](http://www.cosmobio.co.jp/index_e.asp)

E-mail: [export@cosmobio.co.jp](mailto:export@cosmobio.co.jp)

Phone : +81-3-5632-9617

FAX : +81-3-5632-9618



# 1st strand cDNA (Mouse, Rat) Product List

## Normal mouse tissue 1st strand cDNA (C57BL/6N CrjCrlj, 8-week-old)

Cat.No.	Description	Quantity
CSR-MD-01	Mouse 1st strand cDNA Brain	15 RXN
CSR-MD-02	Mouse 1st strand cDNA Heart	15 RXN
CSR-MD-03	Mouse 1st strand cDNA Lung	15 RXN
CSR-MD-04	Mouse 1st strand cDNA Liver	15 RXN
CSR-MD-05	Mouse 1st strand cDNA Stomach	15 RXN
CSR-MD-06	Mouse 1st strand cDNA Small Intestine	15 RXN
CSR-MD-07	Mouse 1st strand cDNA Large Intestine	15 RXN
CSR-MD-08	Mouse 1st strand cDNA Pancreas	15 RXN
CSR-MD-09	Mouse 1st strand cDNA Skin	15 RXN
CSR-MD-10	Mouse 1st strand cDNA Muscle	15 RXN
CSR-MD-11	Mouse 1st strand cDNA Kidney	15 RXN
CSR-MD-12	Mouse 1st strand cDNA Spleen	15 RXN
CSR-MD-13	Mouse 1st strand cDNA Testis	15 RXN
CSR-MD-14	Mouse 1st strand cDNA Placenta	15 RXN
CSR-MD-15	Mouse 1st strand cDNA Ovary	15 RXN
CSR-MD-16	Mouse 1st strand cDNA Uterus	15 RXN
CSR-MD-17	Mouse 1st strand cDNA Duodenum	15 RXN
CSR-MD-18	Mouse 1st strand cDNA Ileum	15 RXN
CSR-MD-19	Mouse 1st strand cDNA Jejunum	15 RXN
CSR-MD-20	Mouse 1st strand cDNA Brown adipose	15 RXN
CSR-MD-21	Mouse 1st strand cDNA White adipose	15 RXN
CSR-MD-22	Mouse 1st strand cDNA Eye	15 RXN
CSR-MD-23	Mouse 1st strand cDNA Spinal cord	15 RXN
CSR-MD-24	Mouse 1st strand cDNA Bone marrow	15 RXN
CSR-MD-25	Mouse 1st strand cDNA Prostate	15 RXN
CSR-MD-26	Mouse 1st strand cDNA Thymus	15 RXN
CSR-MD-27	Mouse 1st strand cDNA Adrenal gland	15 RXN
CSR-MD-28	Mouse 1st strand cDNA Rectum	15 RXN
CSR-MD-29	Mouse 1st strand cDNA Pituitary gland	15 RXN
CSR-MD-30	Mouse 1st strand cDNA Femur	15 RXN
CSR-MD-31	Mouse 1st strand cDNA Epiphysis	15 RXN
CSR-MD-L	Mouse 1st strand cDNA Islet	15 RXN
CSR-MDM-01	Mouse cDNA MIX Brain, Heart, Lung, Liver, Stomach, Small Intestine, Large Intestine, Pancreas, Skin, Muscle, Kidney, Spleen, Testis, Placenta, Ovary	30 RXN
CSR-MDM-02	Mouse Embryo cDNA MIX E9.5, E10.5, E11.5, E12.5, E13.5, E14.5, E15.5, E16.5, E17.5, E18.5	30 RXN

## Normal human 1st strand cDNA MIX

CSR-HDM-01	Human cDNA MIX Brain, Heart, Lung, Liver, Stomach, Small Intestine, Large Intestine, Muscle, Kidney, Spleen, Testis, Placenta	30 RXN
------------	---	--------

**Normal mouse tissue Brain 1st strand cDNA (C57BL/6N CrjCrlj, 8-week-old)**

Cat.No.	Description	Quantity
CSR-MBR-01	Mouse 1st strand cDNA Cerebral cortex	15 RXN
CSR-MBR-02	Mouse 1st strand cDNA Cerebellum	15 RXN
CSR-MBR-03	Mouse 1st strand cDNA Olfactory bulb	15 RXN
CSR-MBR-04	Mouse 1st strand cDNA Hippocampus	15 RXN
CSR-MBR-05	Mouse 1st strand cDNA Medulla oblongata	15 RXN
CSR-MBR-06	Mouse 1st strand cDNA Striatum	15 RXN
CSR-MBR-07	Mouse 1st strand cDNA Thalamus, Hypothalamus, Pons	15 RXN

**Normal mouse tissue Bone 1st strand cDNA SET  
(C57BL/6N CrjCrlj, 8-week-old)**

Cat.No.	Description	Quantity
CSR-MB-SET	Mouse 1st strand cDNA Femur, Epiphysis, Bone marrow	15 RXN × 3 each

**Mouse tissue Pancreas "Islets of Langerhans" 1st strand cDNA SET  
(C57BL/6N CrjCrlj, 8-week-old)**

Cat.No.	Description	Quantity
CSR-MD-L	Mouse 1st strand cDNA Islet	15 RXN
CSR-MD-L2	Diabetic mouse (db/db) 1st strand cDNA Islet	15 RXN
CSR-MD-L3	Diabetic mouse (ob/ob) 1st strand cDNA Islet	15 RXN

**Newborn mouse 1st strand cDNA (C57BL/6N CrjCrlj)**

Cat.No.	Description	Quantity
CSR-MDE-11a	Newborn mouse 1st strand cDNA Neonate-Brain	15 RXN
CSR-MDE-11b	Newborn mouse 1st strand cDNA Neonate-Heart	15 RXN
CSR-MDE-11c	Newborn mouse 1st strand cDNA Neonate-Lung	15 RXN
CSR-MDE-11d	Newborn mouse 1st strand cDNA Neonate-Liver	15 RXN
CSR-MDE-11e	Newborn mouse 1st strand cDNA Neonate-Stomach	15 RXN
CSR-MDE-11f	Newborn mouse 1st strand cDNA Neonate-Intestine	15 RXN
CSR-MDE-11h	Newborn mouse 1st strand cDNA Neonate-Spleen	15 RXN
CSR-MDE-11i	Newborn mouse 1st strand cDNA Neonate-Kidney	15 RXN
CSR-MDE-11j	Newborn mouse 1st strand cDNA Neonate-Eye	15 RXN
CSR-MDE-11k	Newborn mouse 1st strand cDNA Neonate-Testis	15 RXN

### Fetal mouse 1st strand cDNA (C57BL/6N CrjCrlj)

Cat.No.	Description	Quantity
CSR-MDE-01	Mouse 1st strand cDNA Embryo 9.5	15 RXN
CSR-MDE-02	Mouse 1st strand cDNA Embryo 10.5	15 RXN
CSR-MDE-03	Mouse 1st strand cDNA Embryo 11.5	15 RXN
CSR-MDE-04	Mouse 1st strand cDNA Embryo 12.5	15 RXN
CSR-MDE-05	Mouse 1st strand cDNA Embryo 13.5	15 RXN
CSR-MDE-06	Mouse 1st strand cDNA Embryo 14.5	15 RXN
CSR-MDE-07	Mouse 1st strand cDNA Embryo 15.5	15 RXN
CSR-MDE-08	Mouse 1st strand cDNA Embryo 16.5	15 RXN
CSR-MDE-09	Mouse 1st strand cDNA Embryo 17.5	15 RXN
CSR-MDE-10	Mouse 1st strand cDNA Embryo 18.5	15 RXN
CSR-MDM-02	Mouse Embryo cDNA MIX E9.5, E10.5, E11.5, E12.5, E13.5, E14.5, E15.5, E16.5, E17.5, E18.5	30 RXN

### Fetal mouse tissue 1st strand cDNA (C57BL/6N CrjCrlj, 14.5-day-old)

Cat.No.	Description	Quantity
CSR-MDE-06a	Mouse 1st strand cDNA Embryo 14.5-Brain	15 RXN
CSR-MDE-06b	Mouse 1st strand cDNA Embryo 14.5-Heart	15 RXN
CSR-MDE-06c	Mouse 1st strand cDNA Embryo 14.5-Lung	15 RXN
CSR-MDE-06d	Mouse 1st strand cDNA Embryo 14.5-Liver	15 RXN
CSR-MDE-06g	Mouse 1st strand cDNA Embryo 14.5-Digestive organs (Stomach+Intestine)	15 RXN
CSR-MDE-06i	Mouse 1st strand cDNA Embryo 14.5-Kidney	15 RXN
CSR-MDE-06j	Mouse 1st strand cDNA Embryo 14.5-Eye	15 RXN

### Fetal mouse tissue 1st strand cDNA (C57BL/6N CrjCrlj, 16.5-day-old)

Cat.No.	Description	Quantity
CSR-MDE-08a	Mouse 1st strand cDNA Embryo 16.5-Brain	15 RXN
CSR-MDE-08b	Mouse 1st strand cDNA Embryo 16.5-Heart	15 RXN
CSR-MDE-08c	Mouse 1st strand cDNA Embryo 16.5-Lung	15 RXN
CSR-MDE-08d	Mouse 1st strand cDNA Embryo 16.5-Liver	15 RXN
CSR-MDE-08g	Mouse 1st strand cDNA Embryo 16.5-Digestive organs (Stomach+Intestine)	15 RXN
CSR-MDE-08i	Mouse 1st strand cDNA Embryo 16.5-Kidney	15 RXN
CSR-MDE-08j	Mouse 1st strand cDNA Embryo 16.5-Eye	15 RXN

**Fetal mouse tissue 1st strand cDNA (C57BL/6N CrjCrlj, 18.5-day-old)**

<b>Cat.No.</b>	<b>Description</b>	<b>Quantity</b>
CSR-MDE-10a	Mouse 1st strand cDNA Embryo 18.5-Brain	15 RXN
CSR-MDE-10b	Mouse 1st strand cDNA Embryo 18.5-Heart	15 RXN
CSR-MDE-10c	Mouse 1st strand cDNA Embryo 18.5-Lung	15 RXN
CSR-MDE-10d	Mouse 1st strand cDNA Embryo 18.5-Liver	15 RXN
CSR-MDE-10e	Mouse 1st strand cDNA Embryo 18.5-Stomach	15 RXN
CSR-MDE-10f	Mouse 1st strand cDNA Embryo 18.5-Intestine	15 RXN
CSR-MDE-10h	Mouse 1st strand cDNA Embryo 18.5-Spleen	15 RXN
CSR-MDE-10i	Mouse 1st strand cDNA Embryo 18.5-Kidney	15 RXN
CSR-MDE-10j	Mouse 1st strand cDNA Embryo 18.5-Eye	15 RXN
CSR-MDE-10k	Mouse 1st strand cDNA Embryo 18.5-Testis	15 RXN

**Dermatitic mouse tissue 1st strand cDNA (C57BL/6N CrjCrlj, 11-week-old)**

<b>Cat.No.</b>	<b>Description</b>	<b>Quantity</b>
CSR-MDD-01	Dermatitic mouse 1st strand cDNA Skin	15 RXN
CSR-MDD-02	Dermatitic mouse 1st strand cDNA Spleen	15 RXN
CSR-MDD-03	Dermatitic mouse 1st strand cDNA Thymus	15 RXN
CSR-MDD-01c	SPF mouse 1st strand cDNA Skin	15 RXN
CSR-MDD-02c	SPF mouse 1st strand cDNA Spleen	15 RXN
CSR-MDD-03c	SPF mouse 1st strand cDNA Thymus	15 RXN

**CIA(Collagen Induced Arthritis) mouse tissue 1st strand cDNA (C57BL/6N CrjCrlj, 13-week-old)**

<b>Cat.No.</b>	<b>Description</b>	<b>Quantity</b>
CSR-MDA-01	CIA mouse 1st strand cDNA Ankle joint	15 RXN
CSR-MDA-02	CIA mouse 1st strand cDNA Spleen	15 RXN
CSR-MDA-03	CIA mouse 1st strand cDNA Thymus	15 RXN

**Normal mouse tissue 1st strand cDNA (C57BL/6N CrjCrlj, 13-week-old)**

<b>Cat.No.</b>	<b>Description</b>	<b>Quantity</b>
CSR-MDA-01c	Mouse 1st strand cDNA Ankle joint	15 RXN
CSR-MDA-02c	Mouse 1st strand cDNA Spleen	15 RXN
CSR-MDA-03c	Mouse 1st strand cDNA Thymus	15 RXN

## Normal rat tissue 1st strand cDNA (Wistar/Crlj:WI, 8-week-old)

Cat.No.	Description	Quantity
CSR-RD-01	Rat 1st strand cDNA Brain	15 RXN
CSR-RD-02	Rat 1st strand cDNA Heart	15 RXN
CSR-RD-03	Rat 1st strand cDNA Lung	15 RXN
CSR-RD-04	Rat 1st strand cDNA Liver	15 RXN
CSR-RD-05	Rat 1st strand cDNA Stomach	15 RXN
CSR-RD-06	Rat 1st strand cDNA Small Intestine	15 RXN
CSR-RD-07	Rat 1st strand cDNA Large Intestine	15 RXN
CSR-RD-08	Rat 1st strand cDNA Pancreas	15 RXN
CSR-RD-09	Rat 1st strand cDNA Skin	15 RXN
CSR-RD-10	Rat 1st strand cDNA Muscle	15 RXN
CSR-RD-11	Rat 1st strand cDNA Kidney	15 RXN
CSR-RD-12	Rat 1st strand cDNA Spleen	15 RXN
CSR-RD-13	Rat 1st strand cDNA Testis	15 RXN
CSR-RD-14	Rat 1st strand cDNA Placenta	15 RXN
CSR-RD-15	Rat 1st strand cDNA Ovary	15 RXN
CSR-RD-16	Rat 1st strand cDNA Uterus	15 RXN
CSR-RD-17	Rat 1st strand cDNA Duodenum	15 RXN
CSR-RD-18	Rat 1st strand cDNA Ileum	15 RXN
CSR-RD-19	Rat 1st strand cDNA Jejunum	15 RXN
CSR-RD-20	Rat 1st strand cDNA Brown adipose	15 RXN
CSR-RD-21	Rat 1st strand cDNA White adipose	15 RXN
CSR-RD-22	Rat 1st strand cDNA Eye	15 RXN
CSR-RD-23	Rat 1st strand cDNA Spinal cord	15 RXN
CSR-RD-24	Rat 1st strand cDNA Bone marrow	15 RXN
CSR-RD-25	Rat 1st strand cDNA Prostate	15 RXN
CSR-RD-26	Rat 1st strand cDNA Thymus	15 RXN
CSR-RD-27	Rat 1st strand cDNA Adrenal gland	15 RXN
CSR-RD-28	Rat 1st strand cDNA Rectum	15 RXN
CSR-RD-29	Rat 1st strand cDNA Pituitary gland	15 RXN
CSR-RDM-01	Rat cDNA MIX Brain, Heart, Lung, Liver, Stomach, Small Intestine, Large Intestine, Pancreas, Skin, Muscle, Kidney, Spleen, Testis, Placenta, Ovar	30 RXN

## Fetal rat 1st strand cDNA (Wistar/Crlj:WI)

Cat.No.	Description	Quantity
CSR-RDE-01	Rat 1st strand cDNA Embryo 9.5	15 RXN
CSR-RDE-02	Rat 1st strand cDNA Embryo 10.5	15 RXN
CSR-RDE-03	Rat 1st strand cDNA Embryo 11.5	15 RXN
CSR-RDE-04	Rat 1st strand cDNA Embryo 12.5	15 RXN
CSR-RDE-05	Rat 1st strand cDNA Embryo 13.5	15 RXN
CSR-RDE-06	Rat 1st strand cDNA Embryo 14.5	15 RXN
CSR-RDE-07	Rat 1st strand cDNA Embryo 15.5	15 RXN
CSR-RDE-08	Rat 1st strand cDNA Embryo 16.5	15 RXN
CSR-RDE-09	Rat 1st strand cDNA Embryo 17.5	15 RXN
CSR-RDE-10	Rat 1st strand cDNA Embryo 18.5	15 RXN

### Diabetic rat tissue 1st strand cDNA (ZDF-Leprfa/CrjCrlj, 13-week-old)

Cat.No.	Description	Quantity
CSR-RDD-01	Diabetic rat 1st strand cDNA Pancreas	15 RXN
CSR-RDD-02	Diabetic rat 1st strand cDNA Eye	15 RXN
CSR-RDD-03	Diabetic rat 1st strand cDNA Kidney	15 RXN
CSR-RDD-04	Diabetic rat 1st strand cDNA Aorta	15 RXN
CSR-RDD-05	Diabetic rat 1st strand cDNA Liver	15 RXN

### Normal rat tissue 1st strand cDNA (ZDF-Leprfa/CrjCrlj, 13-week-old)

Cat.No.	Description	Quantity
CSR-RDD-01c	Rat 1st strand cDNA Pancreas	15 RXN
CSR-RDD-02c	Rat 1st strand cDNA Eye	15 RXN
CSR-RDD-03c	Rat 1st strand cDNA Kidney	15 RXN
CSR-RDD-04c	Rat 1st strand cDNA Aorta	15 RXN
CSR-RDD-05c	Rat 1st strand cDNA Liver	15 RXN



**COSMO BIO Co., LTD.**

Inspiration for Life Science

TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN

[http://www.cosmobio.co.jp/index\\_e.asp](http://www.cosmobio.co.jp/index_e.asp) e-mail : [export@cosmobio.co.jp](mailto:export@cosmobio.co.jp)

Phone : +81-3-5632-9617 FAX : +81-3-5632-9618