



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Mouse C57BL/6 Brain Region cDNA Panel, Set of any 15 Regions

**Catalog#** MD-201-015-C57

**Quantity:** 15x10 reactions

**Storage Conditions:** Store at -20°C. Suitable for one year from the date of purchase, if stored correctly.

**Applications:** The cDNA is primed with oligo dT primer and is ideal for gene expression analysis by PCR, characterization of alternative splicing of mRNA, gene cloning and target sequencing.

**Quality Control:** The PCR-Ready cDNA is functionally tested with the control primers in the recommended PCR reaction.

**Description:** The PCR-ready first strand cDNA is synthesized from high quality RNA isolated from tissue. This total RNA is isolated by modified guanidine thiocyanate method and treated with RNase-free DNase. The reverse transcribed is performed combining an oligo dT primer and reverse transcriptase, enabling the synthesis of full length cDNA up to 8.9kb. Use 1µl of cDNA for each PCR reaction.

The amplification conditions used for amplification of beta-actin as a positive control in a volume of 100µl:

| Components                   | Volume ( µl /reaction) | Final concentration |
|------------------------------|------------------------|---------------------|
| cDNA                         | 1                      |                     |
| Polymerase reaction buffer   | 10                     | 10X                 |
| MgCl <sub>2</sub> , 25mM     | 7.8                    | 2nM                 |
| Nucleotide Mix, 10mM         | 2.0                    | 0.2mM               |
| Upstream beta-Actin primer   | 1                      | 100µM               |
| Downstream beta-Actin primer | 1                      | 100µM               |
| Taq Polymerase (5 units)     | 1                      |                     |
| Water                        | 76.2                   | -                   |
| Total volume                 | 100 µl                 |                     |

### Program of amplification:

|             | Denaturation | 25 CYCLES    |           |           | Final Extension | Hold |
|-------------|--------------|--------------|-----------|-----------|-----------------|------|
|             |              | Denaturation | Annealing | Extension |                 |      |
| Time        | 2 min.       | 1 min.       | 1 min.    | 2 min.    | 5 min.          | -    |
| Temperature | 94 °C        | 94 °C        | 60 °C     | 72 °C     | 72 °C           | 4°C  |

**Intended use of the products:** All products sold by AMSBIO are intended for research use only and must not be used for medical diagnostic or drug purposes. AMSBIO products may not resell, modified for resale or used to manufacture commercial products without written approval from AMSBIO.

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**Mouse C57BL/6 Brain Region cDNA Panel**

|                |                                                          |                 |
|----------------|----------------------------------------------------------|-----------------|
| MD-201-005-C57 | Mouse C57 Brain Region cDNA Panel, Set of any 5 Regions  | 5x10 reactions  |
| MD-201-010-C57 | Mouse C57 Brain Region cDNA Panel, Set of any 10 Regions | 10x10 reactions |
| MD-201-015-C57 | Mouse C57 Brain Region cDNA Panel, Set of any 15 Regions | 15x10 reactions |

**Individual C57 Mouse Brain cDNA:**

|            |                                            |
|------------|--------------------------------------------|
| MD-201-C57 | Mouse C57 Brain, whole Tissue cDNA         |
| MD-215-C57 | Mouse C57 Brainstem cDNA                   |
| MD-202-C57 | Mouse C57 Cerebellum cDNA                  |
| MD-212-C57 | Mouse C57 Cerebral Cortex, entorhinal cDNA |
| MD-210-C57 | Mouse C57 Cerebral Cortex, frontal cDNA    |
| MD-211-C57 | Mouse C57 Cerebral Cortex, posterior cDNA  |
| MD-209-C57 | Mouse C57 Cerebrum cDNA                    |
| MD-203-C57 | Mouse C57 Hippocampus cDNA                 |
| MD-204-C57 | Mouse C57 Hypothalamus cDNA                |
| MD-206-C57 | Mouse C57 Medulla cDNA                     |
| MD-217-C57 | Mouse C57 Midbrain cDNA                    |
| MD-213-C57 | Mouse C57 Olfactory Bulb cDNA              |
| MD-207-C57 | Mouse C57 Pons cDNA                        |
| MD-214-C57 | Mouse C57 Striatum cDNA                    |
| MD-205-C57 | Mouse C57 Thalamus cDNA                    |

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