



Red Dot™ Electrodes

A small way to make a big impact.

ECG Electrodes Reference Guide





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Using the right electrode matters.

Better patient monitoring begins by choosing the right ECG electrode. When you choose from the 3M™ Red Dot™ ECG Electrodes portfolio, you'll find the right electrode for a variety of patients, skin types, and monitoring situations. As a leader in adhesive innovation, 3M knows how to make Red Dot electrodes stick and stay in place. The quality of patient monitoring directly affects the quality of patient care. Red Dot electrodes are easy to apply and provide uninterrupted patient monitoring with a trace quality you can trust. To connect with confidence, reach for the 3M difference. **Reach for the Red.**

Adult

Universal



2228

3M™ Red Dot™ Foam Monitoring Electrode
1.57" × 1.3" (4 cm × 3,3 cm)
Diaphoretic, sticky gel



2244

3M™ Red Dot™ Foam Monitoring Electrode
1.57" × 1.3" (4 cm × 3,3 cm)
Diaphoretic, radiolucent, sticky gel



2560

3M™ Red Dot™ Foam Monitoring Electrode
1.6" × 1.36" (4 cm × 3,5 cm)
Diaphoretic, sticky gel



2570

3M™ Red Dot™ Foam Monitoring Electrode
1.6" × 1.36" (4 cm × 3,5 cm)
Diaphoretic, radiolucent, sticky gel with abradant



Bag quantity:
50

Bag quantity:
50

Bag quantity:
3, 5, 50

Bag quantity:
3, 5, 50

Universal

Diagnostic



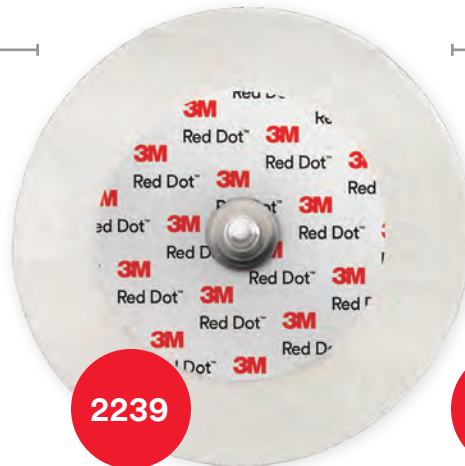
2660

3M™ Red Dot™ Repositionable Soft Cloth Monitoring Electrode
1.56" × 1.25" (4 cm × 3,2 cm)
Radiolucent, repositionable



2670

3M™ Red Dot™ Repositionable Soft Cloth Monitoring Electrode
1.56" × 1.25" (4 cm × 3,2 cm)
Radiolucent, repositionable, stronger adhesive than 2660



2239

3M™ Red Dot™ Monitoring Electrode with 3M™ Micropore™ Tape Backing
2.4" dia. (6 cm dia.)
Solid gel



2360

3M™ Red Dot™ Resting EKG Electrode
0.8" × 1.2" (2 cm × 3 cm)
Radiolucent, repositionable, stronger adhesive than 2330



Bag quantity:
3, 5

Bag quantity:
3, 5

Bag quantity:
50

Bag quantity:
100

Adult/Pediatric

Gentle



2268

3M™ Red Dot™ Soft Cloth Monitoring Electrode

1.25" dia. (3,2 cm dia.)

Conductive adhesive for adult and pediatric use



Bag quantity:
3, 5

Diagnostic



2330

3M™ Red Dot™ Resting EKG Electrode

0.8" × 1.2" (2 cm × 3 cm)

Radiolucent, gentle adhesive



Bag quantity:
100

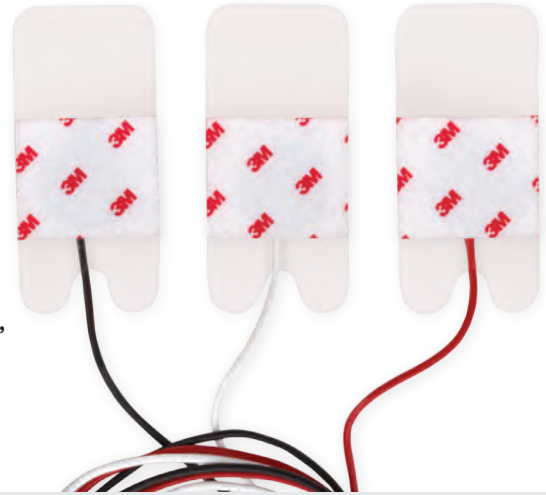
Neonatal

2269T

3M™ Red Dot™ Neonatal, Pre-Wired, Radiolucent Monitoring Electrode with Clear Tape

0.75" × 1.56" (1,9 cm × 4 cm)

22" leadwire length



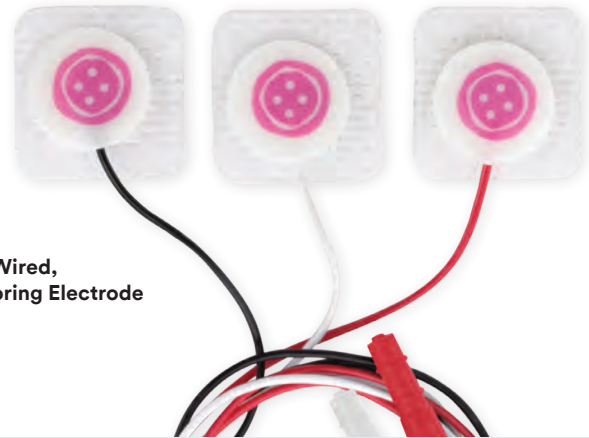
Bag quantity:
3

2282

3M™ Red Dot™ Neonatal, Pre-Wired, Radiolucent Soft Cloth Monitoring Electrode

0.9" × 0.9" (2,2 cm × 2,2 cm)

18" leadwire length



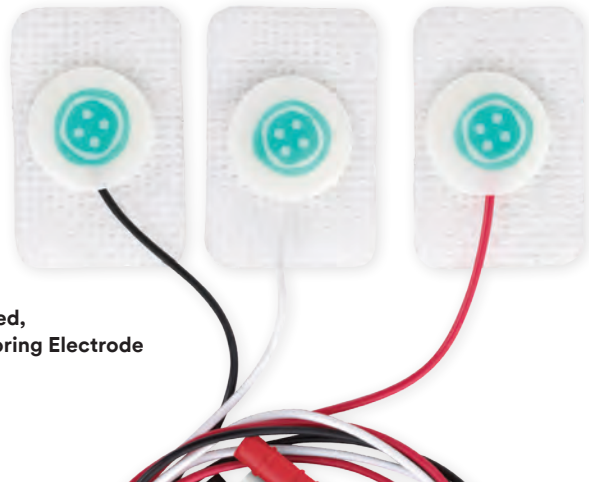
Bag quantity:
3

2283

3M™ Red Dot™ Infant, Pre-Wired, Radiolucent Soft Cloth Monitoring Electrode

1.3" × 0.9" (3,3 cm × 2,2 cm)

18" leadwire length



Bag quantity:
3

Ordering Information

Product No. Description

Packaging

Adult

Universal

2228	Foam Monitoring Electrode, 1.5 inch × 1.3 inch (3,7 cm × 3,3 cm) with sticky gel	⦿	1,000 electrodes/case, 10/strip, 5 strips/bag, 20 bags/case
2244	Foam Monitoring Electrode, Radiolucent, 1.57 inch × 1.3 inch (4 cm × 3,3 cm) with sticky gel	⦿	1,000 electrodes/case, 10/strip, 5 strips/bag, 20 bags/case
2560	Foam Monitoring Electrode, 1.6 inch × 1.36 inch (4 cm × 3,5 cm) with sticky gel	⦿	1,000 electrodes/case, 10/strip, 5 strips/bag, 20 bags/case
2560-3	Foam Monitoring Electrode, 1.6 inch × 1.36 inch (4 cm × 3,5 cm) with sticky gel	⦿	600 electrodes/case, 3/strip, 1 strip/bag, 200 bags/case
2560-5	Foam Monitoring Electrode, 1.6 inch × 1.36 inch (4 cm × 3,5 cm) with sticky gel	⦿	1,000 electrodes/case, 5/strip, 1 strip/bag, 200 bags/case
2570	Foam Monitoring Electrode, Radiolucent, 1.6 inch × 1.36 inch (4 cm × 3,5 cm) with sticky gel and abrader	⦿	1,000 electrodes/case, 10/strip, 5 strips/bag, 20 bags/case
2570-3	Foam Monitoring Electrode, Radiolucent, 1.6 inch × 1.36 inch (4 cm × 3,5 cm) with sticky gel and abrader	⦿	600 electrodes/case, 3/strip, 1 strip/bag, 200 bags/case
2570-5	Foam Monitoring Electrode, Radiolucent, 1.6 inch × 1.36 inch (4 cm × 3,5 cm) with sticky gel and abrader	⦿	1,000 electrodes/case, 5/strip, 1 strip/bag, 200 bags/case
2660-3	Repositionable Soft Cloth Monitoring Electrode, 1.56 inch × 1.25 inch (4 cm × 3,2 cm) Radiolucent with lift tab	⌘ ↻	600 electrodes/case, 3/strip, 1 strip/bag, 200 bags/case
2660-5	Repositionable Soft Cloth Monitoring Electrode, 1.56 inch × 1.25 inch (4 cm × 3,2 cm) Radiolucent with lift tab	⌘ ↻	1,000 electrodes/case, 5/strip, 1 strip/bag, 200 bags/case
2670-3	Repositionable Soft Cloth Monitoring Electrode, 1.56 inch × 1.25 inch (4 cm × 3,2 cm) Radiolucent with aggressive adhesive and lift tab	↻	600 electrodes/case, 3/strip, 1 strip/bag, 200 bags/case
2670-5	Repositionable Soft Cloth Monitoring Electrode, 1.56 inch × 1.25 inch (4 cm × 3,2 cm) Radiolucent with aggressive adhesive and lift tab	↻	1,000 electrodes/case, 5/strip, 1 strip/bag, 200 bags/case

Non-Universal

2239	Micropore™ Paper Tape Monitoring Electrode 2.4 inch dia. (6 cm dia.) with solid gel and lift tab	⌘	1,000 electrodes/case, 50/bag, 20 bags/case
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Diagnostic

2360	Resting Tab Style EKG Diagnostic Electrode with aggressive adhesive		4,000 electrodes/case, 10/card, 10 cards/bag, 40 bags/case
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Adult/Pediatric

2268-3	Soft Cloth Monitoring Electrode 1.25 inch dia. (3, 2 cm dia.) with conductive adhesive and lift tab	⌘* ✂	600 electrodes/case, 3/bag, 200 bags/case
2268-5	Soft Cloth Monitoring Electrode 1.25 inch dia. (3, 2 cm dia.) with conductive adhesive and lift tab	⌘* ✂	1,000 electrodes/case, 5/bag, 200 bags/case

Diagnostic

2330	Resting Tab Style EKG Diagnostic Electrode with gentle adhesive	⌘	4,000 electrodes/case, 10/card, 10 cards/bag, 40 bags/case
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Neonatal

2269T	Neonatal Monitoring Electrode, Pre-Wired with Clear Tape, 0.75 inch × 1.56 inch (1,9 cm × 4 cm) with 22 inch radiolucent leadwires		300 electrodes/case, 3/bag, 10 bags/box, 10 boxes/case
2282	Neonatal Monitoring Electrode, Pre-Wired with Soft Cloth, 0.9 inch × 0.9 inch (2,2 cm × 2,2 cm) with 18 inch radiolucent leadwires		300 electrodes/case, 3/bag, 100 bags/case
2283	Infant Monitoring Electrode, Pre-Wired with Soft Cloth, 1.3 inch × 0.9 inch (3,3 cm × 2,2 cm) with 18 inch radiolucent leadwires		300 electrodes/case, 3/bag, 100 bags/case

Skin Prep

2236	Trace Prep		1 roll, 36 rolls/case
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⦿ Diaphoretic ↻ Repositionable ✂ Gentle Adhesion ⌘ Fragile Skin

*Adult only

Additional Products

2280	Neonatal Monitoring Electrode, Pre-Wired with Soft Cloth, 0.9 inch × 0.9 inch (2,2 cm × 2,2 cm) with 18 inch Metal Leadwires	300 electrodes/case, 3/bag, 100 bags/case
2282L	Neonatal Monitoring Electrode, Pre-Wired with Soft Cloth, 0.9 inch × 0.9 inch (2,2 cm × 2,2 cm) with 26 inch Radiolucent Leadwires	300 electrodes/case, 3/bag, 100 bags/case
2284	Neonatal, Pre-wired Limb Band Monitoring Electrode, 0.9 inch × 0.7 inch (2,2 cm × 1,7 cm) with 18 inch Radiolucent Leadwires	300 electrodes/case, 3/bag, 100 bags/case
2238	Soft Cloth Monitoring Electrode 2.4 inch dia. (6 cm dia.) with Solid Gel and Lift Tab	1,000 electrodes/case, 50/bag, 20 bags/case
2249-50	Micropore™ Paper Tape Monitoring Electrode 2.4 inch dia. (6 cm dia.) with Solid Gel, Abrader and Lift Tab	1,000 electrodes/case, 50/bag, 20 bags/case
2248-50	Micropore™ Paper Tape Monitoring Electrode 1.75 inch dia. (4,4 cm dia.) with Solid Gel and Lift Tab	1,000 electrodes/case, 50/bag, 20 bags/case
2289PA	Clear Tape Monitoring Electrode with Preattached Disposable Leadwire, 1 inch × 1.56 inch (2,5 cm × 4 cm) with 28 inch Radiolucent Leadwires	500 electrodes/case, 5/bag, 100 bags/case
2289PAL	Clear Tape Monitoring Electrode with Preattached Disposable Leadwire, 1 inch × 1.56 inch (2,5 cm × 4 cm) with 48 inch Radiolucent Leadwires	500 electrodes/case, 5/bag, 100 bags/case
2289T	Clear Tape Monitoring Electrode with Preattached Disposable Leadwire, 1 inch × 1.56 inch (2,5 cm × 4 cm) with 28 inch Radiolucent Leadwires	300 electrodes/case, 3/bag, 100 bags/case
2231	Diaphoretic Soft Cloth Monitoring Electrode 2.2 inch × 2 inch (5,1 cm × 5,5 cm) with Solid Gel and Lift Tab	1,000 electrodes/case, 50/bag, 20 bags/case

MRI Information

- This information is a consolidated summary of the MR conditions that are applicable to all the electrodes in the list. For the conditions specific to each electrode, please refer to the product IFU.
- Disconnected 3M™ MR Conditional electrodes can be safely worn by a patient during an MRI scan according to the conditions of use presented in the MRI Safety Information labeling. Any deviation from those specific conditions may result in injury (e.g., burn) to the patient.
- 3M™ MR Conditional electrodes have not been tested for MRI-related issues with any MR Conditional monitoring system. Therefore, the acceptable use of 3M MR Conditional electrodes when connected to an MR Conditional monitoring system is unknown.

The information below pertains to the following 3M products:

Product Number	Description
2244	3M™ Foam Monitoring Electrode
2268	3M™ Red Dot™ ECG Monitoring Electrode (2268-3, 2268-5)
2269T	3M™ Red Dot™ Neonatal, Pre-wired Monitoring Electrode
2570	3M™ Red Dot™ Monitoring Electrode with Foam Tape and Sticky Gel (2570, 2570-3, 2570-5)
2660	3M™ Red Dot™ Repositionable Monitoring Electrode (2660-3, 2660-5)
2670	3M™ Red Dot™ Repositionable Monitoring Electrode (2670-3, 2670-5)
2330	3M™ Red Dot™ Resting EKG Electrode
2360	3M™ Red Dot™ Resting EKG Electrode

Important Notes: 3M™ MR Conditional EKG/ECG Electrodes have not been tested for MRI-related issues with any MR Conditional monitoring system. Therefore, the acceptable use of 3M™ MR Conditional EKG/ECG Electrodes when connected to an MR Conditional monitoring system is unknown. Disconnected 3M™ MR Conditional Electrodes can be worn safely during an MRI examination according to the conditions of use presented in the MRI Safety Information labeling. Any deviation from those specific conditions may result in injury (e.g., burn) to the patient. It is unknown if this 3M Red Dot ECG electrode is acceptable for use with an MR conditional ECG monitoring system designed to be used to monitor a patient undergoing an MRI procedure.

MRI Safety Information

MR Conditional



The 3M™ Red Dot™ Cardiac Monitoring Electrodes (2244, 2268, 2269T, 2570, 2660 or 2670) or 3M™ Red Dot™ Resting Electrodes (2330 or 2360) were determined to be MR Conditional. Non-clinical testing demonstrated that the 3M Red Dot cardiac monitoring electrodes (2244, 2268, 2269T, 2570, 2660 or 2670) or 3M Red Dot resting electrodes (2330 or 2360) are MR Conditional. A patient with these electrodes can be scanned safely immediately after placement under the following conditions:

- Static magnetic field of 3-Tesla or less
- Maximum spatial gradient magnetic field of 4,000-gauss/cm (40-T/m)
- Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 4-W/kg for 15 minutes of scanning (i.e., per pulse sequence) in the First Level Controlled Operating Mode

Under the scan conditions defined, the 3M EKG/ECG electrode is expected to produce a maximum temperature rise of 2.7°C after 15-minutes of continuous scanning (i.e., per pulse sequence). For 2269T, lead positioned in a straight configuration (i.e., no loops or cross over points).

In non-clinical testing, the image artifact caused by the 3M EKG/ECG electrode extends approximately 5 mm from this device when imaged using a gradient echo pulse sequence and a 3-Tesla MR system.

To learn more about 3M™ Red Dot™ Electrodes, call the 3M Health Care Helpline at **1-800-228-3957** or visit **www.3M.com/RedDot**



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What is Alarm Fatigue?
go.3M.com/AlarmFatigue

Sign-up for the 3M Alarm Fatigue Reduction Program: go.3M.com/AlarmFatigueProgram

How to Apply and Remove ECG Electrodes:
go.3M.com/RedDotHowTo

How to Troubleshoot ECG Artifacts:
go.3M.com/TroubleshootingECGArtifacts

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