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Human Urine, Pooled Donors

Catalog No.	CSI20371A CSI20371B	**Quantity:**	1 L 6 L

Description: Human Urine formation helps to maintain the balance of minerals and other substances in the body. For example, excess of calcium is normally eliminated through the urine. Urine also excretes ammonia, the build-up of which is harmful to the body. Human urine is the result of a mechanism that maintains the appropriate amount of water in the body. When it leaves the body, Human urine is usually around pH 6, though it may be as low as 4.5 or as high as 8.2. As urea, the compound which accounts for 75-90% of the nitrogen in urine begins to decay, hydroxide ions form, raising the pH as high as 9-9.3. The decay of urea into carbon dioxide is catalyzed by urease.

Appearance: Light to dark yellow, may contain insoluble material

Source: Human urine from at least 3 unique healthy donors, mixed gender.
Known pregnant donors are excluded.
HIPAA guidelines followed for donors. 45 CFR Parts 160,162,164

Form: Frozen unprocessed liquid, unfiltered, non-sterile, no preservatives

pH: Report result, lot specific

Conductivity: Report result μS/cm, lot specific

Storage & Stability: Store at -20°C to -80°C. Upon initial thawing, prepare working aliquots and store at -20° C to -80°C. **Avoid repeated freeze/thaw cycles.**

Handling: Handle as a potentially hazardous substance.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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