



1776 American Pale Ale Brewing Instructions

What You Get

- 1 Can American Lager Brewing Extract
 - 1 Packet Dry Brewing Yeast, located under the lid of the Brewing Extract
 - 1 Packet BrewMax LME Smooth
 - 2 Packets Crystal Pellet Hops
 - 1 Hop Sack
 - 1 Packet Safale US-05 Dry Ale Yeast
 - 1 Packet No-Rinse Cleanser
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Step 1: Sanitize

Cleaning and sanitizing are some of the most important steps in brewing. Make sure anything that touches your beer is properly sanitized before use.

1. Fill the fermenter with warm water to line 1.
 2. Add 1/2 packet of No-Rinse Cleanser and stir until dissolved.
 3. Save the remaining 1/2 packet of cleanser for bottling.
 4. Swirl the sanitizer to coat the inside of the fermenter and lid.
 5. Open the spigot and let sanitizer flow for 5 seconds, then close.
 6. Pour the remaining sanitizer into a large bowl.
 7. Soak your spoon, whisk, can opener, measuring cup, and hop sack in the sanitizer for at least 2 minutes.
 8. Do not rinse or dry sanitized equipment.
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Step 2: Prepare the Extract, LME, and Hops

1. Remove the yeast packet from under the lid of the American Lager Brewing Extract.
2. Do not use the yeast packet from under the lid for this recipe.





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3. Place the unopened can of brewing extract and the BrewMax LME Smooth packet in hot tap water.
 4. Add both packets of Crystal pellet hops to the hop sack.
 5. Tie the hop sack closed and trim away excess material.
 6. Add 4 cups of water to a clean 3-quart or larger pot.
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Step 3: Steep the Hops

1. Bring the 4 cups of water to a boil.
 2. Add the hop sack to the boiling water.
 3. Remove the pot from heat.
 4. Let the hops steep in the hot water while you add the malt extract and LME.
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Step 4: Add the Brewing Extract and LME

1. Open the American Lager Brewing Extract.
 2. Open the BrewMax LME Smooth packet.
 3. Add both to the hot hop water in the pot.
 4. Stir until thoroughly mixed.
 5. This mixture is called wort.
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Step 5: Fill the Fermenter

1. Fill the fermenter with cold tap water to line 1.
 2. Pour the wort into the fermenter.
 3. Top off with cold water to line 2, or to 8.5 liters if using another fermenter.
 4. Stir the wort vigorously with a sanitized spoon or whisk.
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Step 6: Add Yeast and Ferment

1. Sprinkle the Safale US-05 Dry Ale Yeast into the fermenter.



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2. Do not stir after adding yeast.
3. Screw on the lid.
4. Place the fermenter out of direct sunlight in a location with a consistent temperature between 68°F and 78°F.
5. Ferment for 14 days.

Step 7: Bottle and Carbonate

After 14 days, taste a small sample. If it tastes like flat beer, it is ready to bottle. If it tastes sweet, let it ferment for 3 more days. Do not leave the beer in the fermenter longer than 24 days total.

1. Fill a 1-gallon container with warm water.
2. Add the remaining 1/2 packet of No-Rinse Cleanser and stir until dissolved.
3. Distribute the sanitizer equally among your bottles.
4. Cap the bottles and shake vigorously.
5. Let bottles sit for 10 minutes, then shake again.
6. Empty the sanitizer into a large bowl and use it to sanitize any other bottling equipment.
7. Do not rinse.
8. Add 2 carbonation drops to each 740 mL bottle.
9. Fill each bottle at an angle, leaving about 2 inches of headspace.
10. Cap bottles tightly.
11. Gently turn each bottle over to check the seal.
12. Store bottles upright and out of direct sunlight at 70°F to 76°F.
13. Carbonate for at least 14 days. Cooler temperatures may require an additional week.

Step 8: Condition and Enjoy

1. After carbonation, chill one bottle for 48 hours.
2. Taste the chilled bottle.
3. If it tastes good, chill the rest of the batch.
4. If it needs more time, leave the remaining bottles at room temperature for another week or two.





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5. Pour slowly into a glass, leaving sediment behind in the bottle.



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